




UNIVERSITY BULLETIN

SUMMER SESSION

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THE SUMMER SESSIONS CALENDAR

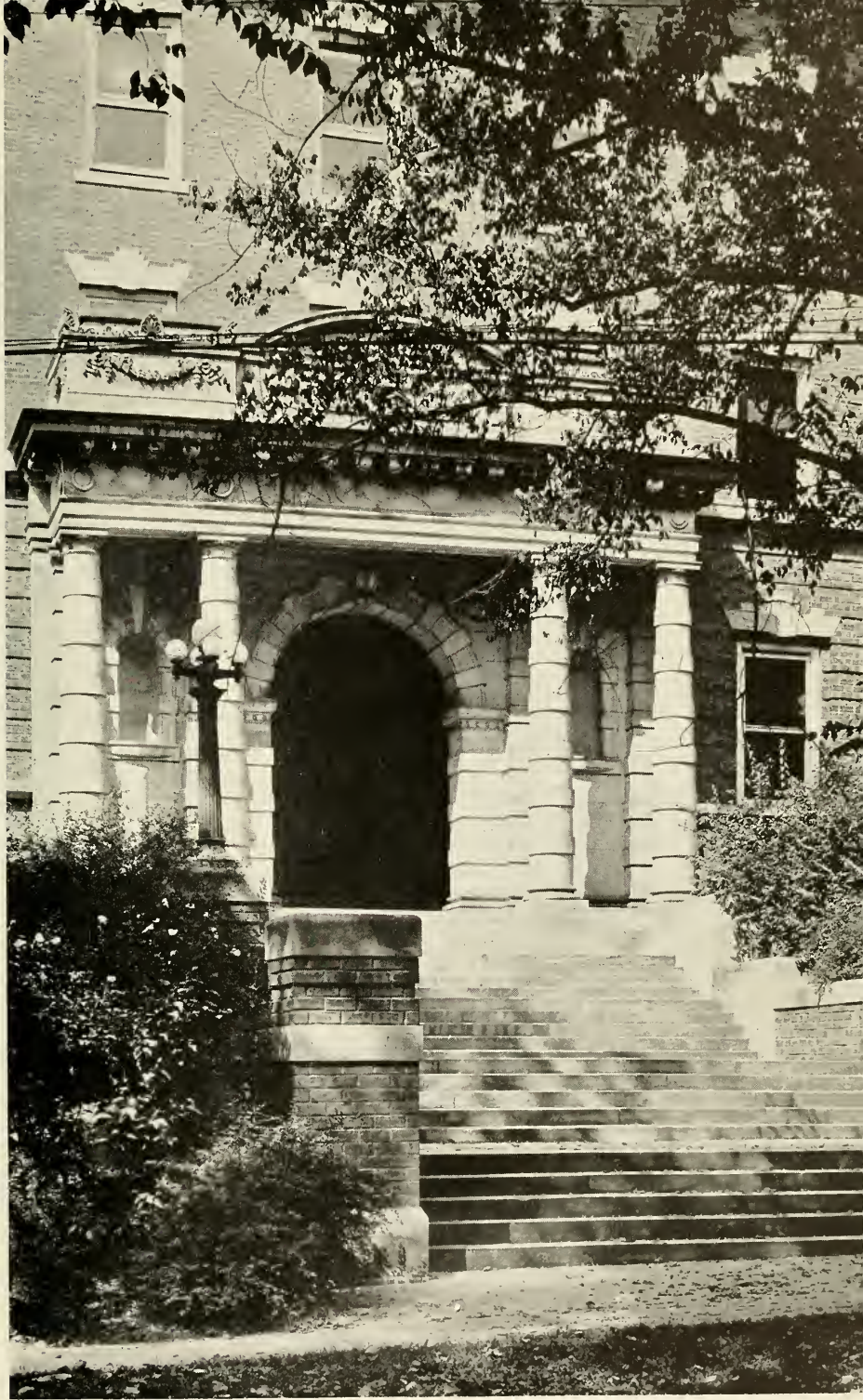
Registration—Edwin Watts Chubb Library	Monday, June 16
Classes Begin	Tuesday, June 17
Applications for Graduation Due in Office of Registrar	Monday, June 16, to Saturday, June 21
Ohio Conference on Reading	Monday, June 23, to Friday, June 27
Latin Teachers Institute	Wednesday, June 25, to Saturday, June 28
Annual Conference—State Department of Education Officials	Tuesday, July 1
Independence Day—a Holiday	Friday, July 4
Registration—Four-Week Courses (Students not Previously Registered)	Office of the Registrar, Monday a.m., July 14
Institute on the Problem Child	Tentative dates—July 14 to 19
Baccalaureate Sunday	Sunday, August 3
Masters' Theses Due in Library	Monday, August 4
Final Examinations, All Courses—	Wednesday p.m., August 6; Thursday, August 7; Friday, 7-9 a. m., August 8
August Commencement	Friday, 10 a. m., August 8
First Session Closes Officially	Friday, August 8
Registration, Post Session—Office of the Registrar	Monday a. m., August 11
Classes Begin	Monday p. m., August 11
Final Examinations, All Courses	Friday p.m., August 29
Post Session Closes Officially	Saturday, August 30



THE ALUMNI GATEWAY



EWING HALL



ELLIS HALL



EDWIN WATTS CHUBB LIBRARY

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Earl C. Shively, Columbus	1945
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ADMINISTRATIVE OFFICERS OF COLLEGES AND OTHER UNITS

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Thomas Cooke McCracken, Ph.D., Dean of the College of Education	Cutler Hall
Adolph Henry Armbruster, M.B.A., Dean of the College of Commerce	Ewing Hall
William Morris Young, Ph.D., Dean of the College of Applied Science	Super Hall
Einar August Hansen, Ph.D., Dean of the University College and Director of the Summer Sessions	McGuffey Hall
Lawrence Carl Mitchell, A.M., Chairman of the Executive Committee of the College of Fine Arts and Director of the School of Painting and Allied Arts	Fine Arts Hall
Clarence Cramer Robinson, Mus. M., Director of the School of Music and Member of the Executive Committee of the College of Fine Arts	Music Hall
Robert Gates Dawes, Ed.D., Director of the School of Dramatic Art and Member of the Executive Committee of the College of Fine Arts	Ewing Hall
George Starr Lasher, A.M., Director of the School of Journalism	Ewing Hall
Grace Steining, Ph.D., Director of the School of Home Economics	Agriculture and Household Arts Building
Don C. Peden, B.S., Director of Intercollegiate Athletics	Men's Gymnasium

ADMINISTRATIVE ASSISTANTS**

Mildred Constance Andrews, A.M.	Secretary to the Dean of the Graduate College and the College of Arts and Sciences
Mary Antorietto, A.B.	Assistant Registrar
Alva Brudwick, B.S. Ed.	Secretary to the Dean of the College of Commerce
Mary Kathryn Daum, B.S.S.	Secretary to the Director of Public Relations
Charles Marc Davis, Retired Master Sergeant, U.S.A.	Military Property Custodian and Military Storekeeper
Margaret Keehne Davis, A.M.	Director of Dining Halls
Margaret Lax Druckemiller	Acting Assistant Dean of Women
Mary Louise Field, A.M.*	Assistant Dean of Women
Ruth Pearl Fulmer, B.S. Ed.	Secretary to the Dean of the College of Applied Science
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Katharine Blair Haller, B.S.S.S.	Secretary to the Director of the Health Service
William Albert Harmon, M.B.A.	Comptroller of University Accounts
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Mary Lou Hornstein, A.B.	N.Y.A. Coordinator
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Sara Long Jones, A.B.	Supervisor of Off-Campus Housing
Wayne Jones, B.S.C.	Manager of the Men's Dormitory
Edith Madelynn Maneggie, B.S.J.	Secretary to the University Editor
Elizabeth Frances Mills	Secretary in the Division of Military Science and Tactics
Anna Elizabeth Mumma, A.B.	Secretary to the Dean of the College of Education
Dorris Wylie Nicholes, A.B.C.	Cashier
Katherine Mae Olvey, B.S. Ed.	Secretary to the Chairman of the Executive Committee of the College of Fine Arts
Margaret Lucile Osgood, A.M.	Assistant Dean of Women
Lamar Joseph Otis, B.S.B.A., C.P.A.	Auditor of Student Funds
Mildred Virginia Peters, A.B.	Secretary to the Dean of the University College and Director of the Summer Sessions
Evelyn Mae Sidders, B.S. Ed.	Secretary at the University Elementary School
Angie Janette Thompson, B.S.S.S.	Secretary to the Director of Intercollegiate Athletics
Margaret Maybelle Wilson, M.S.	Head of Residence of Boyd Hall

*On leave of absence

**As of February 3, 1941

LIBRARY STAFF

Anne Claire Keating, A.B.	Librarian
Amy Allen, A.B., B.L.S.	Reference Librarian
Mildred Carolyn Chutter, A.M., B.L.S.	Assistant Cataloger
Dora Moore, Ph.B.	Cataloger
Arlot Olson, A.B., B.S.L.S.	Order Librarian
Genevieve Porterfield, Ph.B.*	Children's Librarian
Elizabeth Simkins, A.B., B.S.	Periodical Reference Librarian
June Southworth, A.B., B.S.	Assistant Cataloger
Virginia McVay, A.B., B.S.L.S.	Acting Children's Librarian
Catherine Nelson, A.B., B.S.L.S.	Circulation Librarian
Bertha Elizabeth Bridgman	Assistant in the Library

HEALTH SERVICE STAFF

Ellis Herndon Hudson, M.D.	Physician
Robert C. Hume, M.D.	Physician
Helen Moore, R.N.	Nurse
Frances Gertrude Lanman, R.N.	Nurse
Lotus Adele Ashworth, R.N.	Nurse
Bernice Louise Snyder, R.N.	Night Nurse
June Fannin, R.N.	Nurse

COMMITTEES OF THE FACULTY

Executive: McCracken, Dilley (secretary), Gamertsfelder, Armbruster, Young, Devlin, Hansen, Mitchell

Advisory Council: R. L. Morton, Benz, Clark, Clippinger, Eblin, Elliott, Green, Hanson, Hatcher, Hellebrandt, Houf, Krauskopf, Lash (secretary), Paige, Sias, Staats, Starcher, Stehr, Denbow, Jolliffe, LaTourrette, Potter, Scott, Fontaine, Beckert

Graduate Council: Gamertsfelder, Benz, Caskey, Elliott, Green, Hellebrandt, Krauskopf, Whitehouse, Dawes, Shoemaker, Volwiler

Summer Sessions: Hansen, Dilley, Keating, Armbruster, Mitchell

Library: Keating, Dunlap, Foster, Hanson, Hill, Jeddelloh, McClure, McNeill, Trepp

*On leave of absence

Extension Division: Dixon, Dilley (ex officio), McCracken (ex officio), R. L. Morton, Patrick

University College: Hansen, Dilley, Voigt, Lange, Hatcher, Krauss, W. J. Smith

Scholarships: Patrick, Voigt, Lange

Intercollegiate Athletics: Hanson, Peden (advisory), Clippinger, Paynter, Staats (secretary), Marquis

Bureau of Appointments: Mitchell, Gaylord, Beckert, Grover, Dunlap, Sias, Steininger

Social Activities: Lasher, Dunham, H. H. Roach, Davidson, Devlin

Campus Affairs: (Faculty representatives on Committee) Voigt, Lash, Grover, Justin, Lange, Hellebrandt

National Youth Administration: Devlin, Parks, Voigt, Young, Lange, George, Harmon

Public Relations: Grover, Dawes, Elliott, George, Shoemaker, Paynter, Stephan

Alumni Loan Fund: Grover, Danielson, Williams, Fenzel, Sponseller

Emerson Poetry Prize Contest: Wilson, Caskey, Heidler, Kirchner, Lash

Flowers: Hoover, Devlin, Noss

Museum: Matheny, Ondis, Willis, Hill, Hoover

Service Bureau: Armbruster, George (advisory), Sponseller

Registration: Dilley, Benz, Fenzel, Gaylord, Starcher

Honors Day: Patrick, Armbruster, Frey, McCracken, Voigt (ex officio), Porter

Classrooms and Offices: Dilley, Church, Fontaine, Kinison, Parks, Starcher, Shoemaker

Clinton Poston Biddle Memorial Scholarship Loan Fund: Armbruster, Gamertsfelder, McCracken, Young, Mitchell

Civil Pilot Training: Young, Armbruster, Gamertsfelder, McCracken, Mitchell

Loan Funds: Grover, Danielson, Fenzel, Otis, Sponseller, Voigt, Williams

University Survey: Gamertsfelder, Armbruster, Clippinger, Dilley, Elliott, Houf, McCracken, Mitchell, R. L. Morton, Sias, Starcher, Young

University Testing: Patrick, Cable, Dilley, Porter, Voigt

Non-Resident Fees: Dilley, Dykstra, Parks

The president of the university has membership in each committee.

OFFICERS OF INSTRUCTION*

Herman Gerlach James, J.D., Ph.D., LL.D.
 Thomas Nathanael Hoover, Ph.M., A.M.
 William Alderman Matheny, Ph.D.

Joshua Romine Morton, M.S.†
 Victor Dwight Hill, A.B.
 Gerald Thomas Wilkinson, Ph.D.
 Walter Sylvester Gamertsfelder, Ph.D.†
 Thomas Cooke McCracken, Ph.D.†
 Clarence Cramer Robinson, Mus.M.
 Ossian Clinton Bird, Ed.M.
 Edwin Bert Smith, Ph.D.
 Albert Carl Gubitz, A.M.
 Edith E. Beechel, Ph.D.†
 Frederick Hartzler Kreckler, Ph.D.
 Einar August Hansen, Ph.D.†
 Adolph Henry Armbruster, M.B.A.†
 Harvey Christian Lehman, Ph.D.
 Lawrence Carl Mitchell, A.M.
 Frank Walker Reed, Ph.D.†
 DeForest Wilber Ingerham, Mus.B.†
 Edith Armstrong Wray, Ph.D.
 Richard Allen Foster, Ph.D.
 Joseph Bunn Heidler, Ph.D.
 John Homer Caskey, Ph.D.
 Robert Gates Dawes, Ed.D.
 Amos Carey Anderson, Ph.D.
 Carl Adam Frey, Ph.D.†
 James Ruey Patrick, Ph.D.
 Grace Steininger, Ph.D.
 Ernest Eugene Ray, M.B.A., C.P.A.†

President of the University
 Professor of History
 Professor of Botany and
 Curator of the Museum
 Professor of Chemistry
 Professor of Classical Languages
 Professor of Romance Languages
 Professor of Philosophy and Ethics
 Professor of Education
 Professor of Voice
 Professor of Physical Welfare
 Professor of Government
 Professor of Economics
 Professor of Education
 Professor of Zoology
 Professor of Elementary Education
 Professor of Finance
 Professor of Psychology
 Professor of Painting and Allied Arts
 Professor of Mathematics
 Professor of Violin
 Professor of English
 Professor of English
 Professor of English
 Professor of English
 Professor of Dramatic Art and Speech
 Professor of Psychology
 Professor of Bacteriology
 Professor of Psychology
 Professor of Home Economics
 Professor of Accounting

Evan Johnson Jones, Jr., A.M.
 Harry Houston Peckham, A.M.
 Don C. Peden, B.S.†

Henry John Jeddelloh, A.M.
 Sarah Hatcher, A.M.

Associate Professor of History
 Associate Professor of English
 Head Coach of Football and Baseball and
 Associate Professor of Physical Welfare
 Associate Professor of Sociology
 Associate Professor of Physical Welfare

*Arranged in order of priority of service within respective ranks, as of December 1, 1940.

†Part-time teaching

Melvia Lynch Danielson, A.M.	Associate Professor of School Music
William John Trautwein, A.B.†	Head Coach of Basketball and Associate Professor of Physical Welfare
James Floyd Dixon, A.M.†	Associate Professor of Education
Ralph Ferdinand Beckert, A.M.	Associate Professor of Accounting
Curtis William Janssen†	Associate Professor of Music and Bandmaster
Lorin Coover Staats, A.M.†	Associate Professor of Dramatic Art and Speech
Donald Roop Clippinger, Ph.D.	Associate Professor of Chemistry
Edwin Henry Gaylord, M.S.E.†	Associate Professor of Civil Engineering
Edward August Taylor, Ph.D.	Associate Professor of Sociology
Clarence Lorenzo Dow, Ph.D.	Associate Professor of Geography and Geology
William C. Stehr, Ph.D.	Associate Professor of Entomology
Edward Franklin Wilsey, Ph.D.	Associate Professor of Civil Engineering
John Robert Gentry, Ph.D.†	Associate Professor of Psychology
Ida Mae Patterson, M.S.	Assistant Professor of Home Economics
Mariam Sarah Morse, A.M.	Assistant Professor of Home Economics
William Henry Herbert, A.M.	Head Coach of Track and Assistant Professor of Physical Welfare
Isabelle McCoy Work, A.M.	Assistant Professor of Space Arts
Allen Raymond Kresge†	Assistant Professor of Organ and Harmony
Margaret Matthews Benedict, A.B.†	Assistant Professor of Voice and Director of Women's Glee Club
Joseph Peter Trepp, A.M.	Assistant Professor of Physical Welfare
Mary Dee Blayney, A.M.†	Assistant Professor of School Music
Horace Hewell Roseberry, Ph.D.†	Assistant Professor of Physics and Electrical Engineering
Karl Hort Krauskopf, Ph.D.†	Assistant Professor of Advertising
Gerald Oscar Dykstra, LL.B., M.B.A.	Assistant Professor of Business Law
Vincent Joseph Jukes, A.M.†	Assistant Professor of Dramatic Art and Speech
Eugen Hartmuth Mueller, Ph.D.†	Assistant Professor of German
Joseph Eugene Thackrey, A.M.	Assistant Professor of School Music
Lawrence Powell Eblin, Ph.D.	Assistant Professor of Chemistry
Charlotte Ellen LaTourrette, A.M.	Assistant Professor of Physical Welfare
William Oliver Martin, Ph.D.†	Assistant Professor of Philosophy
Carl Denbow, Ph.D.	Assistant Professor of Mathematics
Charles Henry Harris, Ph.B.†	Instructor in Journalism
William Foster Smiley, A.B.C.†	Instructor in Journalism
Monroe Thomas Vermillion, M.S.	Instructor in Botany
Irene Ellen Witham, A.M.	Instructor in Piano and Keyboard Harmony
Arthur H. Rhoads, A.M.	Instructor in Physical Welfare

†Part-time teaching

Lila Margaret Miller, A.M.
 Dana Perry Kelly, A.M.†
 Francis Pettit Bundy, Ph.D.
 Josephine Virginia Snook, A.M.
 F. Theodore Paige, A.M.
 John Bradfield Harrison, Ph.D.
 Margaret Lucile Osgood, A.M.†
 James Van Nostran Rice, Ph.D.
 Sybil Lee Gilmore, M.S.
 Marie Acomb Quick, A.M.
 Virginia Frances Harger, M.S.
 James Otto Stephan, A.M.
 Carl Joel House, B.S. Ed.†
 Douglas Wallace Oberdorfer, A.M.
 Wilfred James Smith, Ph.D.
 Ann Marie Kellner, A.M.
 Glen Lawhon Parker, Ph.D.
 Arthur Harry Blickle, Ph.D.
 Robert Bower Eckles, Ph.D.

Instructor in Secretarial Studies
 Instructor in Journalism
 Instructor in Physics
 Instructor in Secretarial Studies
 Instructor in Industrial Arts
 Instructor in English
 Instructor in Mathematics
 Instructor in Romance Languages
 Instructor in Secretarial Studies
 Instructor in Education
 Instructor in Home Economics
 Instructor in Industrial Arts
 Instructor in Physical Welfare
 Instructor in Sociology
 Instructor in History
 Instructor in Physical Welfare
 Instructor in Economics
 Instructor in Botany
 Instructor in History

Visiting Lecturers

Victor Lee Bowers, A.M.
 Douglas W. Clausen, Ph.D.
 William Thomas Bryan, Ph.D.
 Sadie Goggans, Ph.D.
 Orin Benton Graff, A.M.
 Helen Louise Johnson, A.M.
 Jotham Johnson, Ph.D.†
 Rush Jordan, A.M.
 Lowry Bruce Karnes, Ph.D.
 Michael Charles Kreider, A.B.†
 Rudolph L. Lokensgard, Ed.D.
 Samuel J. McLaughlin, Ph.D.

Visiting Lecturer in Industrial Arts
 Ohio State University
 Visiting Lecturer in Industrial Arts
 Vocational School, Beloit, Wis.
 Visiting Lecturer in Education
 University of Hawaii
 Visiting Lecturer in Education
 Winthrop College, Rock Hill, S. C.
 Visiting Lecturer in Education
 Ohio State University
 Visiting Lecturer in Education
 Central State Teachers College, Mt. Pleasant, Mich.
 Visiting Lecturer in Classical Languages
 University of Pittsburgh
 Visiting Lecturer in History and Government
 State Normal College, Dillon, Mont.
 Visiting Lecturer in Geography
 Teachers College, Emporia, Kans.
 Visiting Lecturer in Sociology
 Division of Public Assistance, State of Ohio Welfare Department
 Visiting Lecturer in Education
 P. K. Yonge School, Gainesville, Fla.
 Visiting Lecturer in Education
 Cornell College, Mount Vernon, Iowa

†Part-time teaching

Mary Gwendolyn Oliver, A.M.	Visiting Lecturer in Home Economics State University of Iowa
Gladys A. Ridsen, Ph.D.	Visiting Lecturer in Education Assistant to the County Superintendent, Williams County, Ohio
Joseph Raymond Schwendeman, A.M.	Visiting Lecturer in Geography State Teachers College, Moorhead, Minn.
Russell B. Smith, Ph.D.	Visiting Lecturer in Education Superintendent of Schools, Crestline, Ohio
David L. Temple, A.M.	Visiting Lecturer in Education Elementary Supervisor, Marion County, Ohio
William Jennings Bryan Truitt, A.M.	Visiting Lecturer in Education Principal, The Brambleton Schools, Norfolk, Va.
Newman Atkinson Wade, Ph.D.	Visiting Lecturer in Education Director of Student Teaching, Principal, College Elementary School
Ethel M. Woolf, A.M.	State Teachers College, Frostburg, Md. Visiting Lecturer in School Design Supervising Critic in Art, Athens High School

TRAINING SCHOOLS

University Elementary School

Edith E. Beechel, Ph.D.	Principal
Janet Purser Wilson, A.M.	Supervising Critic in the Kindergarten
Mabel Beryl Olson, A.M.	Supervising Critic in the First Grade
Mary V. Flanagan, A.M.	Supervising Critic in the Second Grade
Agnes Lydia Eisen, A.M.	Supervising Critic in the Third Grade
Margaret Viola Nelson, A.M.	Supervising Critic in the Fourth Grade
Mary Ward, A.M.	Supervising Critic in the Fifth Grade
Esther Mae Dunham, A.M.	Supervising Critic in the Sixth Grade
Clara Hockridge DeLand, A.M.	Supervising Critic in Special Education

The Plains Elementary School

Elva Myrtle Cooper, A.M.	Principal and Supervising Critic in the Sixth Grade
Edna E. Felt, A.M.	Supervising Critic in the First Grade
Vera E. Sproul, A.M.	Supervising Critic in the Second Grade
Ebba Louise Wahlstrom, A.M.	Supervising Critic in the Third Grade
Alta May Cooper, A.M.	Supervising Critic in the Fourth Grade

Athens High School

Oliver Lee Wood, A.M.	Principal and Supervising Critic in Mathematics
William Monroe Bryant, A.M.†	Supervising Critic in English
Anna Beryl Cone, A.M.†	Supervising Critic in Home Economics
Edward Samuel Dowell, A.M.†	Supervising Critic in Economics and Geography
Irene Hand, A.M.	Supervising Critic in English
Carl H. Roberts, A.M.	Supervising Critic in History
P. S. Wamsley, A.M.	Supervising Critic in Biology and Commerce

†Part-time teaching

FOREWORD

Statements on "Higher Education and the National Defense" and allied subjects seemingly have resulted in little direct change in university programs and course offerings. Special instruction in military science and tactics, aside from that of the usual R. O. T. C., is announced by some few of the larger institutions. Those universities with reputations for outstanding contributions and curricula in engineering are in an especially favored position to offer direct assistance in the emergency. A very few privately endowed schools have added courses and training in military aviation because of their fortunate locations. Others have offered semi-direct services such as are typical at Ohio University. The sponsorship of the Aviation and Mechanics School in Athens must be considered as a valuable though small effort to participate in the Federal Government's program. Its support through the N. Y. A. program reveals its larger purpose in an education of youth which would otherwise go by default. The courses in the field of civil aeronautics are another answer to the need.

Related, and yet quite indirect and remote as defense measures, are a few new courses announced in university bulletins for 1941-1942. Geography offers "The Geography of Airplane Transportation" and "Meteorology"; languages, "Beginning Portuguese"; physics, "Ballistics"; and medicine, "War Wounds and Camp Epidemics." These are typical. This is all disappointingly little in comparison with war effort in the automotive industry, shipyards, and arsenals. Educational institutions seemingly cannot be geared in directly nor can they work closely with the inclusive program of national preparedness. Is education, therefore, without part? Or does it by chance or design have a larger share?

What has been the result of advanced study in professional and cultural fields for countless American people? Viscount James Bryce is reported to have said that the Americans are least proud of their universities, of which they have every reason to be most proud. Ohio University's own Elmer Burritt Bryan put it succinctly with: "The educated person is not easily stampeded." Higher education's peace time and emergency programs are, of necessity, almost the same. Education's contribution is the development of a people with heightened sensitivities to human affairs and broad understanding and sympathies. Its direct help is more marked in long-time movements toward refining and preserving the democratic way of living than in its aid in armed conflict. The study of philosophy, religion, the sciences, literature, and history seems to lend little support to preparedness unless one looks thoughtfully. Frequently that which apparently has only theoretical value turns out to be "practical" in the extreme. So it seems, in education.

There is no substitute in the progress of humanity toward better living than an educated leadership and followership. Higher education has as its major purpose the building of a defense against national and world ignorance, bigotry, and intolerance. Such defense was never needed more than today.

The summer sessions in the universities of the United States will offer wide study opportunities as usual this year. To some persons there will seem to be "little that is new." To others there will be the old which is forever new. Ohio University's own sessions, it will be noticed, are scheduling courses which, while they do not aid directly, are nevertheless of much value in that larger preparedness program of the nation. The university is pleased to announce its proposed share in this phase of national defense. The more its offerings and those of other higher educational institutions are accepted and utilized the greater becomes this contribution to defense. Would that we could say something to make prospective students realize the lasting worth of such opportunities.

E. A. HANSEN, Director
The Summer Sessions

ADMISSION

All correspondence regarding admission of a student to the summer sessions of the university should be addressed to the Registrar and Director of Admissions, Ohio University, Athens, Ohio. An application blank and all credentials for admission, including a certificate of vaccination, should be presented to the registrar's office not later than one month preceding the opening of the summer session. If it is impossible for a student to have his credentials forwarded at that time, he should attach the necessary explanation to his application for admission. Not even temporary admission is granted in the absence of proper credentials. All credentials of matriculated students are filed in the registrar's office and remain the permanent property of the university.

Freshman Students

The university admits without examination all graduates of high schools in Ohio which are on the approved list of the State of Ohio Department of Education. A graduate of an out-of-state high school is admitted if the high school from which the student is graduated is on the list of high schools approved by the board of education of that state and if he qualifies for admission to the state university of his own state. A resident of a state which does not support a state university of the same general scope and standard as Ohio University is admitted if he ranks in the upper two thirds of his graduating class.

Transfer Students

A student transferring from another college or university must present an official transcript which includes a statement of honorable dismissal from the school last attended. A student who transfers to Ohio University for the summer sessions only and who does not plan to receive a degree is required to present only a statement of good standing from the school he last attended or a statement of graduation.

A transfer student is admitted to a degree college if he has completed the requirements of the University College.

A student transferring from an unaccredited college may obtain credit by examination. Permission to take examinations for advanced standing is granted by the registrar. The examinations for advanced standing must be taken during the first summer session of the student's attendance. A fee of \$2 is charged for each semester hour. For further information consult "Advanced Standing Examinations."

Special Students

A special student may be a college graduate who does not wish to take undergraduate work or graduate work leading to another degree, a transient student who expects to transfer credit earned to the school he has been attending, or a student who is at least 21 years of age and has not graduated from high school. The graduate of a college presents a statement of graduation with his application for admission; a transient student presents a statement of good standing from the school last attended. Transcripts of record are not required.

A special student taking undergraduate work enrolls in the college in which he is carrying the majority of his courses. A special student taking graduate work enrolls in the Graduate College.

Special students who are at least 21 years of age and have not graduated from high school may make up high school deficiencies, if they desire to do so, by taking special examinations in accordance with regulations given under the heading, "Advanced Standing Examinations," and transfer college credit to high school credit at the rate of three semester hours for one unit.

College Ability Test:

An undergraduate student entering Ohio University for the first time is required to take the college ability test. A notice giving date, place, and hour of the test is sent to the student with his admission credentials. A student who fails to take the test at the appointed time or who applies for admission too late to take the test at the appointed time is required to take the test at a later date and pay \$1 to cover the expenses incurred.

A student who transfers from an accredited college and presents a satisfactory statement concerning the test name, the score, and the percentile is excused from this requirement. A transfer student who fails to present a certified satisfactory record in time to be excused from the first test is required to take the test at a later date and pay \$1 if his test record when presented is not satisfactory. A student from another college who attends the university only during a summer session is excused from the requirement.

Graduate Students

Only graduates of accredited institutions are accepted for admission. A graduate student who does not expect to receive a master's degree from Ohio University is required to present only a statement of graduation.

Auditors

A student who is a graduate of an accredited high school or who is 21 years of age may enroll as an auditor. A written permission from the instructor of the class the student wishes to audit must be presented at registration time. A registration fee of \$2 is charged for each semester hour of the subject; during the post summer session, the fee is \$1 for each course. Registration must be made on the regularly scheduled days.

Additional information concerning admission may be found in the general catalog.

REGISTRATION

The student is responsible for being familiar with registration regulations and for making out an accurate and a satisfactory schedule. Details concerning the registration procedure are given in the schedule of classes obtainable in the registrar's office.

A student is advised, makes out a schedule, and registers in the Edwin Watts Chubb Library at the time indicated on his permit to register. A student who has been accepted for admission receives his permit by mail with other admission material. A former student obtains a permit to register from the registrar's office by request, either in person or by mail.

A student normally registers for 8 semester hours. A student on probation is limited to 7 semester hours. Permission to register for additional hours is obtained from the dean of the college in which the student is enrolled.

Payment of Registration Fees

Registration fees for the summer session are payable on the first two days of each session. Students who do not pay registration fees during the designated time are not officially enrolled and are excluded from classes beginning with the third day of the session. Students who register after the scheduled registration days are subject to the late registration fee.

Late Registration

A fee of \$1 is charged for late registration, with the addition of \$1 for each day late. The maximum late registration fee is \$5. The penalty goes into effect immediately after the close of the registration period as given in the calendar.

Change Orders

A student who finds it necessary to add or drop a subject requests a change order in the office of the dean of the college in which he is enrolled. If a student is withdrawing from a laboratory course, the instructor's signature or written permission is also required. The change order does not go into effect until it has been presented to and has been accepted by the office of the registrar.

After the first week of the summer session or the second day of the post summer session, a change order adding a course must be signed by the instructor of the course.

During the first three weeks of the summer session or the first week of the post summer session, the course is marked W. After this time the course is marked WP or WF according to the instructor's report.

The change order fee is \$1. During the first three days of recitation, a student may obtain a change order to withdraw from or enroll in a class without the payment of the fee. A change order obtained after three days of recitation is subject to the change order fee in accordance with regulations administered by the deans of the colleges.

Change of Address

If a student changes his home or Athens address after registration, he is expected to notify the registrar in writing at once. Forms are available in the registrar's office. The student is held responsible for any university office communication sent to him at the last address reported to the registrar's office.

Change of College

A student who wishes to change from one degree college to another should make application for the transfer before or during the registration period. The application is made in the office of the dean of the college in which the student is enrolled. The change does not go into effect until the application, signed by the two deans concerned, is presented to the registrar for approval and the transfer fee, \$1, has been paid. A student is required to fulfill all the requirements of the college and the degree to which he transfers. The transfer, which includes the payment of the transfer fee, must be completed within two weeks after the opening of the summer

session or the student remains in the college in which he was registered during the preceding session.

Withdrawal

A student may officially withdraw from the university by obtaining a withdrawal order from the dean of the college in which he is enrolled. The order must be approved by the instructor of any laboratory course in which the student is enrolled and does not become official until it is presented in the registrar's office.

An official withdrawal is not granted to a student who is financially indebted to the university. Refunds for official withdrawals are made according to the regulations given under "Fees and Deposits."

GENERAL REGULATIONS

Credit is designated in semester hours. A semester hour is the equivalent of one recitation or two or more laboratory periods a week throughout a semester of 18 weeks, and two recitations or four or more laboratory periods during the summer session of eight weeks.

Grading System

A, very high; B, high; C, average; D, passing; F, failure; I, incomplete; W, withdrawn; WP, withdrawn passing; WF, withdrawn failing. A detailed description of the non-passing grades is given in the general catalog.

Point System

For each semester hour of credit with the grade of A, a student receives three points; B, two points; C, one point; D, no points; I, no points until the final grade is determined; F, and WF, no points. WP does not affect a student's scholastic average. Beginning on September 1, 1941, the point system will be changed as follows: A, four points; B, three points; C, two points; D, one point; F and WF, no points.

Record of Attendance

The members of the faculty are responsible for keeping a record of attendance in each class and submitting lists of absences to the dean of men and the dean of women each week on or before Saturday noon.

Excused Absences

The dean of men or the dean of women may grant a formal statement of excuse to a student who has been absent from class for the following reasons: (a) illness, (b) death in the family, (c) wedding in the immediate family, or (d) trips in connection with activities authorized by the university, the dean of men, or the dean of women. The request for the formal statement of excuse for absences must be made not later than one week after the first class meeting which the student attends following the absence.

Excuses for illness must be certified by the director of the Health Service. A student must report to the health clinic not later than one day after returning to classes if he has not been attended by a physician.

The formal statement of excuse, if given to the student, is presented to his instructors by the student and the absence is recorded as an excused absence. In so far as it is possible, the instructor directs the student in his efforts to make up the work missed.

Unexcused Absences

The student alone is responsible for whatever has been missed because of an unexcused absence.

An instructor may place a student who has excessive absences on class probation. A notice of probation is sent to the dean of men or the dean of women who notifies the student that he is on class probation and that one additional unexcused absence means a failure in the course.

Penalties for unexcused absences are under the jurisdiction of each instructor except for unexcused absences before and after a vacation. A penalty of one semester hour is added to the number of hours required for graduation for each day on which an unexcused absence occurs in any class during the two days preceding or following an approved university vacation. The maximum penalty for any one vacation is four semester hours. Whenever the penalty is applied, the dean of men or the dean of women notifies the dean of the college in which the student is enrolled, the registrar, and the student.

Final Examinations

Final examinations begin on Wednesday afternoon of the last week of the summer session. All students are required to take the final examinations according to the posted schedule except candidates for graduation who are examined during the week immediately preceding the scheduled examination period.

Advanced Standing Examinations

Application for an advanced standing examination for any course, listed in the current catalog, in which the student desires credit without taking the course in class, is made with the registrar. Only a student who is enrolled for a minimum of six semester hours as a resident student of Ohio University is eligible to make application. A fee of \$2 is charged for each semester hour.

Any grade received on the examination will become a part of the student's academic record. To receive credit in the course, the student must earn a grade of C or better; however, credit is provisional unless the student has

earned 15 semester hours at Ohio University with a scholastic average of 2.000, or until he has done so.

Reporting of Grades

Grades for all students are reported to the registrar's office at the end of each summer session. No grades are recorded for auditors. A grade report is mailed immediately after the close of the summer session to each student who leaves a stamped self-addressed envelope at the registrar's office in accordance with instructions issued during the session. If the student desires an official certification of his summer's record, he should place a note requesting the statement in the envelope, or make the request in the registrar's office. A second copy of either the grade report or the official certification costs 25 cents.

Probation

The scholastic probation regulations are given in the general catalog.

Transcripts

A phostatic copy of a student's record is issued by the office of the registrar as an official transcript. An official transcript is made only at the request of the student. Each student is entitled to one transcript free of charge before graduation and one after graduation. One dollar is charged for each transcript made for the student after the first transcript. The fee must accompany the request. A graduate student who has received a transcript of his undergraduate work after graduation from Ohio University is required to pay \$1 for a transcript issued after graduation from the Graduate College, if his request includes a request for undergraduate credit.

A transcript carries a statement of honorable dismissal except when a student has been dropped from the university because of poor scholarship or nonpayment of fees, or when the dean of men or the dean of women has made a report of unsatisfactory conduct. A student on probation is granted an honorable dismissal subject to his scholastic record.

GENERAL GRADUATION REQUIREMENTS

A variety of curricula is offered in the colleges and divisions of the university. The requirements for a degree form a unified and connected curriculum made up of courses offered by the different colleges. The curricula are set up so that a student is not only required to take courses in the college in which he is enrolled, but he is also required to take courses administered by other colleges. No college may exclude a student enrolled in another college from any course for which the student has met the necessary requirements. In four years, a student who has an adequate high school preparation completes the program of the University College and the specific requirements of the college in which he is a candidate for a degree.

Application

A candidate for graduation must make application for graduation in the registrar's office not later than the dates given in the university calendar. The diploma fee for a degree is \$5; for a three-year diploma, \$2.50. Application for graduation made after the time designated adds a penalty of \$1. Payment of the diploma fee after the stated dates constitutes late application and the penalty of \$1 is added.

All work for a degree must be completed before the time of graduation. If an applicant fails to meet the requirements for graduation, he may re-apply after he has fulfilled, or planned to fulfill, his requirements. Reapplication is made in the registrar's office according to the dates given in the university calendar. The reapplication fee is \$1.

Credit and Scholastic Average

The curricula vary in the amount of hours required. For the summer sessions of 1941, all curricula completed by students who entered the university before September, 1940, will have the minimum requirement of the completion of at least 124 semester hours and 124 scholastic points or the equivalent based on the number of semester hours required for graduation. The scholastic average requirement which is effective for students who entered the university in September, 1940, and the interpretation of the new point system for students who entered the university before September, 1940, are stated in the general catalog.

A transfer student is required to earn a minimum of 30 semester hours and 30 scholastic points at Ohio University and to meet the graduation requirements as indicated in the summer session bulletin and in the general catalog.

Physical Welfare

Included in the number of semester hours specified for a degree are four semester hours of required courses in physical welfare or military science.

The regulation has three exceptions, as follows:

- (1) A student who is physically unable to fulfill the requirement must file with the registrar an excuse or a substitution obtained from the director of the Division of Physical Welfare.
- (2) A student who is 30 years of age or over may receive permission to make a substitution for the requirement from the dean of the college in which he is enrolled. The substitution must be filed with the registrar.
- (3) A student who transfers to Ohio University in his senior year with no physical education or physical welfare credit is required to complete only two semester hours at Ohio University, unless the institution from which he transferred requires four semester hours for graduation.

Residence

The minimum residence requirement for a degree or a diploma is two semesters or the equivalent in summer sessions which should total not fewer than 30 weeks. Saturday and evening class credit may be used to satisfy the residence requirement in combination with one semester or several summer sessions. The number of weeks of residence for part-time students enrolled in Saturday, evening, and day classes is determined by the number of hours of credit allowed for the course. Credit earned in the Extension Division, whether in extension classes or in correspondence study, does not count toward the fulfillment of the residence requirement.

A student must be in residence during the session in which the degree is granted unless he has been granted permission to graduate in absentia.

A student who does not complete the courses for which he is enrolled at the time he becomes a candidate for graduation may complete the work for which he is registered after he leaves the campus provided satisfactory arrangements can be made with his instructors. This student does not graduate in absentia and is required to attend commencement. He may, however, petition for absence from commencement exercises. The petition for absence from commencement requires the approval of the president of the university and the dean of his college, and the payment of a fee of \$5.

In Absentia

A student may graduate in absentia, with the approval of the dean of the college in which he is enrolled, under the following conditions:

- (1) A student who has completed the requirements of a preprofessional course may graduate in absentia by the transfer of credit earned in the first year of an accredited professional school course. A detailed explanation is given under "Preprofessional Curricula" in the general catalog.
- (2) A student who has completed all the requirements for graduation except four semester hours or less may graduate in absentia provided he has completed all the requirements for graduation except the requirements that can be completed in a registration of four semester hours. This requirement may be fulfilled by extension credit earned at Ohio University either in group extension or in correspondence study.

Application for graduation should be made at the time designated in the university calendar when a student is assured that he can complete his work so that an official record or transcript of the credit earned can be presented to the registrar at least a week before the commencement date.

A student graduating in absentia is excused from attending commencement exercises and is exempt from that part of the residence requirement which

states that a student must be in residence during the session in which the degree is granted.

Time Limit

A student first registers for a bachelor's degree when he enrolls in a degree college. This occurs after a student has completed the requirements of the University College, which usually is at the beginning of the sophomore year. When he has enrolled in a college and has registered for a bachelor's degree, he may secure that degree by fulfilling the requirements as outlined in the catalog of the year in which he first registered in the university. A student who does not complete the degree requirements within the usual three years spent in the degree college may be allowed to fulfill the same requirements at a later date provided he completes them within seven years after his first enrollment in the university. A transfer student is governed by the same regulations, except that the number of years in which to complete the degree requirements is reduced by the number of years of transferred work.

Second Bachelor's Degree

A student who has received a degree and who desires a second bachelor's degree must complete the requirements of the second degree, at least 30 semester hours beyond the first degree requirements with a scholastic average of 2.000, and one semester of residence.

Graduation Honors

A candidate for the bachelor's degree who graduates with high scholastic average is distinguished on the commencement program by the notation "With highest honor" or "With high honor." A student who at the close of the summer sessions of 1941 makes a scholastic average of 2.500 or above graduates "With highest honor." A student who makes a scholastic average of 2.000 or above, and below 2.500, graduates "With high honor." A transfer student is similarly distinguished if his entire record meets the requirements.

Commencements

Degrees and diplomas are granted at the commencement held at the close of the first summer session. Attendance at commencement is required.

A student may be excused from commencement exercises by the permission of the president of the university and the dean of the college and the payment of \$5. Application for excuse from commencement is made in the office of the dean of the college in which the student is enrolled. The approved application is filed with the registrar who notifies the student to pay the fee. The diploma is mailed to the student soon after commencement.

At the close of the post summer session, degrees and diplomas are mailed to the students at the addresses given on the summer session registration cards, unless a student reports another address to the registrar's office.

FEES AND DEPOSITS

Fees are assessed at registration time and are payable at the treasurer's office on the first two days of each summer session. There is an additional fee for late registration or late payment of fees. Information concerning the date which determines late registration or late payment is indicated in the schedule of classes. The treasurer accepts cash and postal money orders, express money orders, or approved personal checks written for the exact amount of the obligation.

Registration

	*Resident	**Nonresident
The Summer Session Full-time Student Registration fee—general	\$ 20.00	\$ 32.50
Registration fee—athletic, lecture, and entertainment	2.50	2.50
Library fee	1.00	1.00
Health fee	1.00	1.00
Total	\$ 24.50	\$ 37.00

The Summer Session Part-time (less than 5 semester hours) Student Registration fee—

general for the first semester hour	3.00	5.00
Registration fee—for each additional semester hour	3.00	4.50
Registration fee—athletic, lecture, and entertainment, library, and health fees, same as above.		
Health fee exempt for music students and graduate students enrolled for conference courses.		

*A person is entitled to register as a resident of Ohio, who at the time of his first enrollment in the university, has been a resident of the State of Ohio for 12 consecutive months next preceding the date of his original enrollment. No person shall be considered to have gained or lost a residence in the state for the purpose of registering in the university by any conduct of his own while he is a student in the university, unless after attendance at the university for one year it can be clearly established by the student that his previous residence has been abandoned and a new one established in Ohio for purposes other than merely attendance at Ohio University. A person whose legal residence follows that of other persons shall be considered to have gained or lost legal residence in this state for such purpose while a student in the university, according to changes of legal residence of such other persons, except that such legal residence shall not be considered to be so gained until 12 months after such persons become legal residents of this state.

The residence of minors shall follow that of the legal guardian, regardless of emancipation; but in case a resident of Ohio is appointed guardian of a non-resident minor, the legal residence of such minor for the purpose of this rule shall not be considered to be established in the state of Ohio until the expiration of 12 months after such appointment.

**Students coming from states which do not have state universities similar in scope and standards to Ohio University pay a general registration fee of \$45. These states are: Massachusetts and New York.

Registration fees for auditors—for each semester hour	2.00	2.00
Library fee	1.00	1.00
The Post Summer Session		
Registration fee—general for first semester hour	5.00	7.00
Registration fee—for each additional semester hour	5.00	6.50
Library fee	1.00	1.00
The Post Summer Session Auditor		
Registration fee	1.00	1.00
Library fee	1.00	1.00

Music Fees

Registration fees for private instruction in music are assessed in addition to the above registration fees. The fees are indicated in the "Courses of Instruction" under the division of "Applied Music."

Miscellaneous Fees

Bureau of Appointments, registration fee	\$1.00
Change of College	1.00
Change Order	1.00
College Ability Test, when not taken at the designated time	1.00
Duplicate Fee Card	.25
Examination for advanced standing, each semester hour	2.00
Grade Report Book (after the first book)	.25
Grade Report (after the first copy)	.25
Application for degree	5.00
Application for three-year diploma in education	2.50
Re-application for a degree or diploma	1.00
Penalty for late application for degree or diploma	1.00
Excuse from commencement	5.00
Infirmity, hospital service for each day	2.00
Late registration or late payment of fees	1.00
Each additional day late in registration or payment of fees (after date announced)	1.00
Auditors, graduate students taking work on a conference basis, and music specials, for each week late	1.00
Maximum penalty for late registration or late payment of fees	5.00
Speech Test	1.00
Thesis Abstract Printing	2.50
Thesis Binding (each copy)	1.90
Transcript of Record (after the first transcript)	1.00

Laboratory Fees

Laboratory fees, in general, are assessed at the rate of \$1 for one semester hour of credit. Laboratory fees are indicated in the description of the course. (See "Courses of Instruction.") Student teaching fees are assessed at the rate of \$2 for each semester hour of credit. These fees are assessed and must be paid at registration time.

Breakage deposit fees are also indicated in the description of the courses. When the fee is paid, a deposit card is issued to the student. This card is deposited by the student with the department and entitles the student to a desk properly supplied with apparatus. Any needed supplies are checked from the card and any unused portion of the fee is returned at the end of the summer session or upon official withdrawal from the course.

Refund of Fees

In case of a student's voluntary and official withdrawal from the university, a refund of a part of the fees is made according to the following schedule:

The First Summer Session:

1. Within the first week, 75 per cent refunded.
2. After first week, from second to third weeks inclusive, 50 per cent refunded.
3. After third week, no refund.

The Post Summer Session:

1. Within the first week, 50 per cent refunded.
2. After first week, no refund.

No refund, however, is made until a period of 30 days has elapsed subsequent to the official withdrawal of the student from the university. No refund is made on the athletic, lecture, and entertainment fee of \$2.50. No refund is made to a student who is indebted to the university.

When a student withdraws from a laboratory course by change order, a refund of the laboratory fee is made immediately according to the above schedules. A department may disallow refunds if at the time of withdrawal the materials used by the student are of such a nature that the department can make no use of them for another student.

LIVING ACCOMMODATIONS

Residence Halls for Women. Howard Hall will be open for the summer of 1941 to women students. Furnishings of the rooms include bed linens, but the student must furnish bed coverings and all strictly personal articles such as soap, towels, dresser coverings, desk lamps, etc. The rent for double rooms ranges from \$20 to \$24 per person; for single rooms, \$26 to \$30 per person. Board is \$36 for the session. By special arrangement board and room may be paid in two installments. A request for an assignment should be accompanied by a retaining fee of \$5. No refund of the retaining fee is made unless request is made prior to June 9, 1941. One dollar of the retaining fee is allotted to the dormitory social fund. The balance is applied to the room rent. Students are required to give tele-

phone service of approximately one hour per week. Exemption from this work may be had by paying \$2 (25c per hour). Every person living in the dormitory must eat in the dormitory dining room.

Remittance should be made by money order or check made payable to Students' General Fund, Ohio University. Early applications are recommended and should be made through the office of the dean of women. In case of late registration, a room may be held providing the rent is paid for the entire eight weeks. No room will be held unless it is secured by the \$5 retaining fee. Information about rooms in private homes may be obtained upon personal application to the Supervisor of Off-Campus Housing, Office of the Dean of Women, Ohio University. The office does not send out addresses by mail.

Rooms and Board for Men. Men students are required to live in approved rooming houses. Rooms in private homes which have been inspected and approved are listed in the office of the dean of men. Rates for rooms in private homes vary as follows: \$1.50 to \$2.50 a week per person for double rooms, and \$2 to \$4 per week for single rooms.

Palmer Hall will be available as a residence for men students during the 1941 summer session. Double rooms may be secured for \$1.50 a week per person; single rooms, \$3 per week. Applications for rooms at Palmer Hall should be filed at the office of the dean of men. A request for an assignment must be accompanied by a retaining fee of \$6. No refund of this retaining fee is made unless request for such is presented prior to June 9, 1941.

Board may be secured at restaurants and a few private boarding houses.

FACILITIES FOR INSTRUCTION AND SPECIAL ADVANTAGES

The entire university plant is in operation to offer educational opportunities to summer session students. Certain units are described below in order to make clear uses which may be made of them during the summer.

Edwin Watts Chubb Library

The library is located at the main entrance of the campus. Its architecture is early American to correspond with that of the oldest buildings on the campus.

In this comparatively new building, commodious reading rooms, seminars and work rooms are provided for the convenience of patrons and staff. Seminars and stack carrels are set apart for graduate students. The stacks, consisting of six floors, and periodical and reference rooms will accommodate 250,000 volumes. The library now has 131,000 volumes, and subscribes to 628 periodicals annually.

It is a designated depository of United States documents, and receives as gifts many other scientific publications, such as those from the Carnegie Institution of Washington.

The university library serves the city of Athens. A juvenile room is a unique feature which cares for the public schools, and lends the opportunity to university students to use a well selected collection of juvenile literature and to familiarize themselves with school library administration.

During the summer session, the library is open Monday to Friday from 7:50 a.m. to 9:30 p.m.; Saturday from 7:50 a.m. to 5:00 p.m.

The library is now operating on the closed stack plan. Faculty, graduate students, and seniors are admitted to the stacks by cards. Other students must call for their books at the circulation desk.

University Museum

The museum is located on the second floor of the Agriculture and Household Arts Building and is open to the public during afternoons.

The collections and exhibits include rocks, minerals, fossils, sands, clays, and clay-products; Indian implements and utensils; stone and metal products of historic interest, war materials; and lamps and other lighting devices of early days. There is a large herbarium of local plants. Animal exhibits such as mounted birds, snakes, sponges, starfish, and various other specimens are on display. The mollusca collection ranks among the very best shown in American museums.

Probably the fluorescent room affords the most interesting of the displays and one least known to museum visitors in general anywhere. Here under ultra violet light common dull objects fluoresce in an appealing glow of amazing colors.

Teachers are invited to make use of the museum. An attendant will be on duty during each afternoon of the first session.

Bureau of Appointments

Ohio University maintains a bureau of appointments to assist graduates to find positions. Contact is maintained with industry, superintendents of schools, and other employers. The service is extended to those seeking initial placement and to those who seek advancement to more desirable positions. Registration with the bureau makes possible a complete collection of pertinent information which may be offered conveniently to persons interested in securing employees.

All students should register with the bureau early in the senior year; those completing the three-year diploma courses, in the third year. All records

are kept up-to-date so that complete information may be available for immediate use. A fee of \$1 covers the cost of registration and the services which the bureau gives.

Special Short Courses

The 1941 Summer Session will offer several short courses which have proved valuable to athletic coaches. They are being scheduled in response to educational needs which Ohio University is particularly staffed to answer with its own faculty.

Athletic Coaching. Coaching courses in football, basketball, baseball, and track will be offered during the afternoons of the first four weeks of the summer session. The regular coaches of the university will be available for instruction. Persons interested should turn to the sections on "Physical Welfare" and "Education" for complete descriptions and registration information.

Announcement for Deans of Women and Advisers of Girls. The 1941 Summer Session will offer a short, non-fee, non-credit course to deans of women and advisers of girls. The course, July 22-August 8, will be built around the needs and problems of counselors and advisers of women and girls and will strive to help those seeking to know more about the field of personnel before making a final decision to enter it. The course will consist of seminars, lectures, roundtables, conferences, and social hours. Four hours daily will be spent in organized class procedure. Minor research will be carried on in closely related fields of interest. In so far as time permits a survey will be made of literature and studies in the field of personnel. Trips to points of historical and geographical interest in southeastern Ohio will be made. The course will be under the direction of Dean Irma E. Voigt. Professors from the fields of philosophy, religion, education, psychology, sociology, and science will lecture and conduct discussions.

Much pleasure and value will be derived from the housing arrangement by which the group will live together as a unit in the Alpha Xi Delta sorority home with Mrs. Mary Jane Hitchcock as hostess. The group will be served in Howard Hall dining room one-half block away. The fee for room will be \$10.00, for board \$12.00, and for incidental expenses, including a mimeographed report of the course, \$5.50. Each member of the course will be expected to furnish her own bed linen, bed covering, and towels. The course will be limited to 25 members.

All inquiries should be addressed to the Office of the Dean of Women, Ohio University, Athens, Ohio.

Civil Pilot Training Program

Ohio University is cooperating with the Civil Aeronautics Administration

in the training of pilots. The program for the summer session includes a beginning course leading to a private pilot's license and an advanced course for students who plan to enter the air services of the Army, Navy, and Marine Corps, or who plan to become airline pilots or flight instructors.

To be eligible for either course, a student must be an American citizen and must have passed his nineteenth birthday, but not his twenty-sixth birthday. For the beginning course he must have completed 30 semester hours of college work and must have passed a physical examination by the local Civil Aeronautics Administration physician. An advanced student must have completed 60 semester hours of college work, must have a currently effective Private Pilot Certificate, and must have passed a physical examination by a U. S. Army doctor. All applicants must obtain the consent of their parents.

The beginning course includes 72 clock hours of ground instruction (C. A. 199) and 35 to 50 clock hours of flight instruction (C. A. 197). The advanced course includes 126 clock hours of ground instruction (C. A. 201) and a minimum of 40 clock hours of flight instruction (C. A. 202).

The fee for the beginning course will probably be \$29 and covers insurance, taxi to and from the airport, and other incidentals. The fee for the advanced course will probably be \$39. Textbooks will be furnished free of charge.

On completion of both courses, the student must pass a written and flight examination administered by the Civil Aeronautics Administration.

Conference State Department of Education Officials

On Tuesday, July 1, the officials of the State of Ohio Department of Education will hold a conference at the university. The invitation to the department to hold such a conference in Athens is extended annually by the university and is scheduled early in July. The purpose is to make the chief officials representing the several divisions of the department available for consultation in one central meeting place in the southeastern area. Combined general discussions on educational finance, instruction, transportation, and certification are led by the director of education and his aides. In addition, the officers are available for consultation with individuals during both the morning and afternoon hours.

Each year the group has held an informal luncheon meeting open to all persons interested. This has contributed toward a better acquaintance with the officers and an increased understanding of the state department's broad educational program.

The conferences will be held as usual in the seminar rooms in the Edwin Watts Chubb Library from nine o'clock in the morning to three o'clock in the afternoon.

Ohio Conference on Reading

An Ohio Conference on Reading, sponsored cooperatively by Bowling Green State University, Kent State University, Miami University, Ohio University, and Ohio State University has been planned for the Summer of 1941. The conference has been scheduled for a period of one week at each university. Ohio University has been assigned the week, June 23-27. Experts in the teaching of reading will assist in the conference in all the five state universities. Any one interested in the Ohio Conference on Reading is asked to correspond with the university in his area.

Workshop in Elementary Education

Teachers who want to work upon problems stemming from their own school situations will have an opportunity to do so in the summer session. A staff of specialists who know the social and economic situation and community needs in southeastern Ohio will work in close cooperation with individuals and groups in their attack upon significant problems within the curricular areas suggested by the State of Ohio Department of Education. It is anticipated that principals of schools and their entire staffs will take advantage of the workshop facilities. Particular attention will be given the administrative and supervisory problems within a particular school, township, county, or region.

Blocks of time with a sequence of hours conducive to prolonged and intensive experimentation, study, and discussion have been scheduled for the convenience of those who wish to devote their time to inclusive purposes. Seminars, group discussions, excursions, reports, creative work, and some opportunities for dining together will be arranged as an integral part of the enterprise.

Those who are interested in becoming members of the Ohio University Workshop in Elementary Education should send in personal or group applications immediately. With permission, the "Workshop" may be substituted for certain required courses. For further description of the course, students should refer to the list of courses under "Education." For reservations, address the Dean of the College of Education, Ohio University, Athens, Ohio.

Institute on The Problem Child in School and Community

The departments of psychology and sociology, together with the College of Education, are sponsoring an institute on the problem child. Although it is generally recognized that child conservation, especially that particular aspect of it dealing with the so-called problem child, is the joint responsibility of home, school, clinic, court, health authorities, welfare agencies,

character-building groups, private and public institutions, and other similar agencies, one rarely finds a well-coordinated and adequately-functioning local or regional program in which all these agencies share cooperatively. Because of the growing importance of the function of the public school in such a program of child conservation, the institute was arranged so that students attending the summer session might have the opportunity of participating in its work and of becoming more familiar with the various methods and programs in dealing with problem children and juvenile delinquents. As planned, the institute will bring together in a workshop-like atmosphere, school administrators, teachers, clinical workers, social workers, juvenile court judges, university instructors, and members of the state departments of welfare and public instruction.

Upon request, a folder announcing the speakers, discussion leaders, and working plans for each session of the institute will be sent to interested persons before the opening of the summer session. The time of the institute is tentatively set for the fifth week of the summer session. Address requests to Chairman, Department of Sociology, Ohio University.

Latin Teachers Institute

From Wednesday noon, June 25, to Saturday noon, June 28, the department of classical languages is sponsoring an institute designed to be of especial value to those interested in the teaching of Latin. There will be an integrated program of topics relating to high school Latin—language and literature, Roman life and antiquities—and practical problems in teaching Latin under present trends in education. Recognition will be given to Latin in relation to questions of curriculum and to its value as a social agency. At least one special lecturer will be secured for the occasion, and members of the staff of the summer session and high school teachers from various schools will participate in lectures and round-table discussions. Some use will be made of the radio-recordio-phonograph for pronunciation and the reading of Latin.

Teachers are invited to send topics and questions in advance for consideration. Besides those enrolled for Latin, other interested persons are invited to participate. A detailed program will be available at an early date.

Industrial Arts Luncheon Meetings

Weekly luncheon meetings during the summer session again will be sponsored by Epsilon Pi Tau, the professional industrial arts fraternity. Plans for each meeting are varied to include the discussion of some significant problem arising from the relationship of industrial arts in education or the demonstration of new technical developments in materials and processes. The presentation of "The Art of Silk Screen Printing" and "Problems of the

Industrial Arts Teacher in the Secondary School" were included among the 1940 topics. Administrators, supervisors, teachers, and others interested in industrial arts are cordially invited to attend and to participate in the discussions.

The first meeting will be held in the parlors of the First Presbyterian Church, June 18, 1941, at 12:15 p.m. Reservations should be made with the officers of the fraternity or members of the department by noon, June 17.

Recreation and Entertainment

During the coming summer session many interesting recreational and social activities are being arranged by departments of the university.

The Division of Physical Welfare offers an interesting program for both men and women. Every Friday night a free dance is held at the Men's Gymnasium, which is open to all students attending the summer session. Every Wednesday evening there will be square dancing and recreational activities at the Women's Gymnasium. The swimming pool will be open several afternoons each week for the women. There will also be recreational activities carried on under the supervision of the Women's Athletic Association. This program will consist of hikes, cook-out projects, trips to several points of interest, and use of the association's log cabin.

Summer Music Organizations

Directors of three major music organizations, band, orchestra, and choir, are to organize similar music groups among the summer session students and faculty. Credit is given for participation in these organizations if desired. The personnel in each of the groups is limited to those who can meet the necessary qualifications. Those interested should consult the director of the School of Music.

University Health Service

The Health Service operates an outpatient clinic during the day, with entrance at the main door of the Agriculture and Household Arts Building. At other times an emergency service is maintained with entrance at the rear of the same building.

The health fee of \$1, paid by each student in the summer session, entitles him upon his own request to a physical examination, as well as medical care of minor illness. Certain laboratory tests are made without charge. X-ray examinations, vaccinations, and injections are furnished at cost of materials. In case of major illness, students are admitted to the Infirmary at the discretion of the university physicians. The daily rate, which includes medical supervision, is \$2, and a portion of this charge is rebated to students residing in university dormitories.

The university physicians are not available for medical calls outside the Health Service, except for diagnosis where a contagious disease is suspected. Private physicians in the community will make house calls at the request and at the expense of students desiring such service; on the same terms, local surgeons are qualified to care for students requiring major surgical operations, at Sheltering Arms Hospital in Athens.

Laboratory Schools

The university maintains school laboratory facilities at the University Elementary School in Rufus Putnam Hall, in the public elementary and high schools at The Plains, and at the Senior High School in Athens. In addition to offering practice work required for teaching certification, opportunities are available for observation in typical classroom situations, for gathering data in research problems, and for the testing of children.

The children of students are welcome to attend the schools throughout the entire first summer session. There is no tuition charge.

CERTIFICATION FOR TEACHING

A student who is planning to enter the teaching profession and who has met the entrance requirements should register in the College of Education for the degree of Bachelor of Science in Education with specialization in his field. However, under the certification laws of the State of Ohio, a student enrolled in another college in the university may meet the requirements for a teaching certificate by completing the minimum certificate requirements and the requirements for a bachelor's degree. In addition to the minimum requirements, the student needs to meet the prerequisites for the professional courses offered in the College of Education, and especially the requirements specified for the courses in observation and participation and in student teaching.

Application for a teaching certificate in Ohio is made in the office of the registrar at the time of application for graduation. The teaching certificate is issued by the State of Ohio Department of Education and qualifies the student to teach the subjects indicated on the certificate.

Students who are not planning to teach in Ohio should inform themselves concerning the requirements specified by the department of education of the state in which they expect to teach.

Certification for Elementary Teaching

The requirements for the elementary courses leading to a degree or a diploma in the College of Education in all cases include the minimum

requirements specified by the State of Ohio Department of Education which are:

Subject	Sem. Hrs.	Subject	Sem. Hrs.
Professional Courses		Music	
Introduction to Education	2	Literature and appreciation	2
Educational Psychology I	2	Introduction to music	2
Educational Psychology II	2	Music education	2
Principles of Education	2		
School Management	2	Practical Arts	3
Methods—Reading (3), Skills (3),			
Content (3)	9	Science	
Student Teaching	5	General Science or Biology	8
Art		Social Studies	
Including graphic expression, design,		Composed of integrated base course	
materials and methods	6	plus pertinent electives or distributed	
English		credits in history, political science,	
Including children's literature (3), base		sociology, economics, principles of ge-	
course, speech, and guaranteed gram-		ography, problems of rural and urban	
matical competence	15	life	24
Health and Physical Education		Total required courses	92
Hygiene	3		
Health activities	3		

The State of Ohio Department of Education has recently made a number of changes in elementary certification. During the transition period the student pursuing a course and the teacher in the field need to have in mind the following certification requirements:

Date of Entrance	Requirements by Date of Completion	Certificate Granted
September, 1939	Three-year diploma by Sept. 1, 1942	Four-year provisional certificate.
September, 1940	96 semester hours on degree requirements by Sept. 1, 1943	Temporary certificate, at request of county, city, or exempted village superintendent. Renewable as above until completion of requirements for the degree.
September, 1941	B. S. in Ed. degree	Four-year provisional certificate.

The outlined certification plan above applies only to new entrants in the field of teaching in the elementary schools in the State of Ohio. Certificates issued prior to the new regulations are valid.

Certification for Secondary Teaching

The completion of a bachelor's degree course and the minimum certification requirements qualify a student for teaching in the secondary or

special fields. The minimum certification requirements include the minimum requirements in education and the minimum requirements for the teaching subjects. The certificate granted qualifies the student to teach the specified subjects in the secondary schools and in the upper grades if the work is departmentalized.

The minimum requirements in education (professional requirements) and in academic and special subjects which qualify a student for teaching in high school:

Professional requirements for provisional high school and special subject certificates:

Subject	Sem. Hrs.	Subject	Sem. Hrs.
Educational Psychology	2-3	Electives in:	
Prereq., Gen. Psych.		History of Education	
Principles of Education	2	Tests and Measurements	
School Administration, Organization, or Management	2-3	Educational Sociology	
Methods of Teaching	2-6	Secondary Education	
(see subject requirement)		Introduction to Teaching	
Student Teaching*	3-5	Philosophy of Education	
		Minimum Total	17

*A high school subject certificate requires student teaching in the secondary grades, 7-12; a special subject certificate, student teaching in the elementary and the secondary grades.

Minimum requirements in the various teaching subjects (academic and special subjects) for a provisional high school certificate:

Subject	Sem. Hrs.	Subject	Sem. Hrs.
Art	24	English (Prerequisite—3 h.s. units)	15
Drawing	5	English Composition	6
Design, Painting, Sculpture	9	English and American Poetry	3
Appreciation and History	7	English and American Prose	3
Methods, including teaching materials, sources, organization, observation	3	Pertinent electives or excess in above	3
		General Science	15
Biological Science (Prerequisite—1 h.s. unit)	15	Physics	3
Zoology (3) and Botany (3) or General Biology	6	Chemistry	3
Pertinent electives	9	Biology	3
Bookkeeping	9	Other science electives or excess in above	6
(Bookkeeping, Accounting, Methods)		(General Science will also be added to a certificate on the basis of an integrated base course and pertinent electives, totaling 15 sem. hrs.)	
Bookkeeping—Social Business	20	History (Prerequisite—2 h.s. units)	15
Bookkeeping and Accounting	9	World History	3
Business Law, Economic Geography, Economics, Business Organization, or Pertinent electives	11	American History	3
		Political Science	3
Earth Science (Prerequisite—1 h.s. unit)	15	Pertinent electives or excess in above	6
Geology	3	Home Economics	20
Geography	3	Foods and Nutrition	6
Pertinent electives or excess in above	9	Textiles and Clothing	6
		Home Making, Child Development, Housing, Family Relationships, Consumer Education	6
		Methods	2

Subject	Sem. Hrs.	Subject	Sem. Hrs.
Industrial Arts	24	Health education, including teaching of health and school health problems	4
Distribute over the following:		Physical Science (Prerequisite—1 h.s. unit)	15
Graphic Arts—drawing, planning, printing, photography, duplicating		Physics	6
Woods—furniture construction, carpentry, wood finishing		Chemistry	6
Metals—sheet metal, art metal, foundry, machine metal work		Pertinent electives or excess in above	3
Applied Electricity—communication, transportation, power		Salesmanship—Merchandising	20
Ceramics—clay and concrete		Marketing Principles	3
Methods and Organization		Salesmanship	3
Languages (Prerequisite—2 h.s. units)	15	Advertising, Merchandising, Retailing, Economic Geography, or pertinent electives	14
(15 semester hours in the language in which certification is desired)		Science (Comprehensive Major)	40
Mathematics (Prerequisite—2 h.s. units)	15	An integrated base course and pertinent electives or the total distributed over the following: Physics, Zoology, Botany, Geology, Chemistry, and Astronomy	
College Algebra	3	Social Science (Prerequisite—1 h.s. unit)	15
College Geometry	3	Economics	3
Trigonometry	3	Sociology	3
Pertinent electives or excess in above	6	Industrial Geography	3
Music—Instrumental	24	Pertinent electives or excess in above	6
(Valid in both elementary and high school)		Social Studies (Comprehensive Major)	40
Harmony (written, oral, keyboard), sight singing, ear training	10	An integrated base course and pertinent electives or the total distributed over the following: American and Modern European History, Economics, Sociology, Political Science, Principles of Geography	
History and appreciation	4	Speech	15
Applied music (orchestral instruments)	4	Distribute over the following: Speech fundamentals, Interpretative reading, speech correction and voice, Dramatic production, Public address and discussion	10
Music education, including instrumental methods and conducting	6	Excess in above or pertinent electives	5
Membership in band or orchestra		Stenography—Typing	20
Music—Vocal	24	Shorthand	9
(Valid in both elementary and high school)		Typing	3
Harmony (written, oral, keyboard), sight singing, ear training	10	Methods	2
History and appreciation	4	Office Practice, Business English, or Pertinent electives	6
Applied music (piano or voice or both)	4	Typing (Typing and methods)	5
Music education, including methods for elementary and high school, observation, participation, conducting	6		
Membership in some choral group			
Physical Education	16		
Principles, Organization, Administration of Health and Physical Education	4		
Theory and practice, including stunts, apparatus, tumbling, swimming, dancing, etc.	4		
Theory and practice, including athletic coaching in intramural and interscholastic athletics	4		

Any of the above subjects appearing on a certificate issued by the State of Ohio shall be valid for teaching that subject or any subject listed as a required course in the above schedule.

Since September 1, 1939, majors and minors have been designated by the State of Ohio Department of Education as teaching subjects. The certificate indicates the number of hours preparation in each subject listed thereon.

Minimum requirements in special subjects for a provisional special certificate:

Subject	Sem. Hrs.	Subject	Sem. Hrs.
Art	60	Instrumental Classes	4
Drawing	15	Theory (Ear training, sight singing, dictation, harmony, etc.)	16
Design, Painting, Sculpture	25	Applied Music	16
Appreciation and History	10	History, Appreciation, Literature	4
Methods, teaching materials, sources, organization, observation and student teaching	10	Ensemble	4
Business Education	45	Music—Vocal	53
Minimum requirements:		Methods, Materials, Observation	6
Typing	3	Student Teaching	3
Shorthand	6	(Elementary and secondary levels)	
Bookkeeping and accounting	6	Conducting	2
Methods	2	Class Voice	2
Distribute remainder over the following:		Theory (Ear training, sight singing, dictation, harmony, etc.)	16
Stenography—Typing		Applied Music	16
Shorthand, Typing, Office Practice, Business English and Correspondence, Methods in Shorthand and Typing		History, Appreciation, Literature	4
Bookkeeping—Social Business		Ensemble	4
Business Law, Accounting, Economic Geography, Economics, Business Organization		Physical Education	40
Salesmanship—Merchandising		Principles, Organization, and Administration of Health and Physical Education	4
Marketing Principles, Salesmanship, Advertising, Retailing, Merchandising		Theory and Practice of Physical Education	12
Home Economics	35	(Games of low organization, elementary physical education, play and recreation, first aid, activities other than athletics such as: games, stunts, gymnastics, apparatus, dancing, tumbling, swimming)	
Foods and Nutrition	8-15	Theory and Practice of Physical Education	6
(Including normal nutrition, meal planning, selection, preparation, serving)		(Athletic coaching, including interscholastic and intramural sports such as: (men) football, soccer, speedball, basketball, baseball, tennis, track; (women) soccer, volleyball, hockey, basketball, baseball, tennis, track)	
Clothing	8-15	Health Education	10
(Including selection, construction, textiles, art principles)		(The teaching of health and school health problems; Hygiene, including personal health, public health, child hygiene, sanitation, immunology, and allied subjects)	
General	12-19	Individual Corrective Gymnastics and Normal Diagnosis	2
(Including child development, family relationships or euthenics, housing, home furnishings, equipment, home management, home hygiene or home nursing, consumer education)		Human Anatomy and Physiology	6
Industrial Arts	45	Speech	40
Distribute over the following:		Speech Fundamentals, Interpretative Reading, Speech Correction and Voice, Dramatic Production, Public Address and Discussion (including debates, extempore speaking, panel discussion, the oration, the persuasive speech, and the various original speech forms), Special Methods in Teaching Speech	34
Graphic Arts—drawing, planning, printing, photography, duplicating		Other speech courses or excess in above	6
Woods—furniture construction, carpentry, wood finishing			
Metals—sheet metal, art metal, foundry, machine metal work			
Applied Electricity — communication, transportation, power			
Ceramics—clay and concrete			
Methods and Organization			
Music—Instrumental	53		
Methods, Materials, Observation	4		
Student Teaching	3		
(Elementary and secondary levels)			
Conducting	2		

The subjects on the preceding page may also be added to the provisional high school certificate by completing the minimum requirements indicated for a high school certificate.

Minimum requirements for a provisional certificate in vocational subjects:

Courses offered by Ohio University outlining a major in home economics qualify a student for a provisional vocational certificate in the field.

Announcement

The university wishes to announce the probable discontinuance of all summer session course offerings in student teaching and observation on the secondary school level at the end of the first Summer Session of 1942. Students requiring Education courses numbered 180, 181, 182, and 183 for the satisfaction of requirements for degrees or certification to teach and who plan to take them in the summer sessions are urged to avail themselves of facilities to be made available in the summer sessions of 1941 and 1942. Applications should be made early in order to insure the extension of these facilities to limits adequate to accommodate student needs. However, no guarantee of the adequacy to care for student needs in these courses in the two summer sessions of 1941 and 1942 can be made. The university reserves the right to curtail such facilities without further notice. Curtailment in the summer sessions will in no way effect the offerings of these courses in the regular academic year.

UNIVERSITY ORGANIZATION

Ohio University comprises the University College, the College of Arts and Sciences, the College of Education, the College of Commerce, the College of Applied Science, the College of Fine Arts, the Graduate College, the Division of Physical Welfare, the Division of Military Science and Tactics, the University Extension Division, and the Summer Sessions. The University College was established as an aid to freshmen in making the difficult adjustment from high school to college.

The work of the academic year is on a two semester and two summer sessions plan. The student who enters the university from high school is registered in the University College for the period usually called the Freshman year. This year, together with the three years required in the degree granting colleges, enables him to complete the requirements for the baccalaureate degree.

University College

The University College is organized primarily for students regularly matriculating as freshmen in Ohio University. It was established in 1935 with a view toward helping the beginning student make his adjustments at the university more effectively and easily.

The college continues the general education of the student and offers basic

preparation and guidance for a better selection of the areas and fields of study in which to specialize during the succeeding years. An important feature of this college at Ohio University is the provision for faculty counselors. Each beginning student is assigned a faculty member as his counselor from whom he may receive friendly guidance and with whom he should counsel regularly.

The education and preparation in the four years in the secondary school and the one year in the University College are regarded as a five-year unit. The scholastic objective is to insure that in this five-year period every student shall have experienced a minimum foundation of basic general education.

The requirements of this basic program for the four years in the secondary school and the one year in the college are as follows:

Five years of English
Three years of laboratory sciences
Three years of social sciences
Two years of mathematics
Two years of foreign languages

The student's program in the University College depends upon the studies he has pursued in the secondary school. He registers in his first year for those courses which he has not completed according to the requirements indicated above. In this connection, one year of mathematics, one year of foreign language, and one year of laboratory science in the college are regarded as the equivalent of two years in the secondary school. Credit is not given for less than one year in the college in a foreign language and in a laboratory science.

The one year in the University College and three years in one of the degree-granting colleges of the university constitute the four years normally required for the baccalaureate degree.

College of Arts and Sciences

The College of Arts and Sciences aims to give the student a liberal education and at the same time to assist him in finding his vocational interest and aptitude. The student who has definitely decided upon his future career is encouraged to use his junior and senior years in preparing for a particular profession or vocation. To assist the student in realizing this two-fold objective, the College of Arts and Sciences provides a wide range of courses in English, foreign languages and literature, in mathematics, psychology, and philosophy, and in the biological, physical, and social sciences. While meeting the requirements for a degree in these fields, a

student may elect to complete a major or minor in journalism, music, or painting, or take professional courses in the other colleges. Students from the other colleges are admitted to its courses on the same basis as are students registered in the College of Arts and Sciences.

A student registered in the College of Arts and Sciences may work for the degree of Bachelor of Arts or the degree of Bachelor of Science. In either case he has a considerable choice of subjects and a wide range of electives. In general, the distinction between the curricula for the two degrees lies in the fact that, in completing the requirements for the degree of Bachelor of Arts, the student is free to choose a major or minor from English, a foreign language and literature, one of the fine arts, a natural science, a social science, or mathematics, while the student who qualifies for the degree of Bachelor of Science is expected to complete 54 hours in the natural sciences and mathematics. Special curricula are provided for pre-medical, pre-dental, nursing, and medical technology students, as well as for students preparing to enter industrial chemistry, government conservation work, and social service as a profession.

Candidates for these degrees, who entered the university before September 1, 1940, will complete a minimum of 124 semester hours and 124 scholastic points; those who entered after September 1, 1940, a minimum of 124 semester hours with a point-hour ratio of 1.000 in all hours attempted. The total hours include the requirements of the University College, four semester hours of physical welfare or military science, and three years of work comprising approximately 94 semester hours under the direction of the College of Arts and Sciences.

College of Education

The College of Education is devoted to the education of men and women who intend to enter the fields of teaching and educational administration. Its aim is a fully rounded preparation for the profession of teaching, and its curricula are intended to prepare students for teaching in the elementary schools, high schools, and colleges, and for the positions of school administrators, supervisors, and supervising critics. Its program of academic and professional study including laboratory practice is built about a fundamental belief in standards of the type designed to prepare teachers who will have adequate knowledge of their special fields, who will understand professional theory and how to apply it, and who will have attained a degree of skill which will enable them to go into the profession under circumstances favorable to immediate success, even as beginning teachers.

The degree of Bachelor of Science in Education is granted upon completion of curricula covering a course of four years with specialization in elementary

education, in any of the academic fields for teaching in high schools, or in the special subjects of art, industrial arts, home economics, physical welfare, commerce, or music. Candidates for the degree, who entered the university before September 1, 1940, will complete a minimum of 124 semester hours and 124 scholastic points; those who entered after September 1, 1940, a minimum of 124 semester hours with a point-hour ratio of 1.000 in all hours attempted. The total hours include the requirements of the University College, four semester hours of physical welfare (or two hours of physical welfare and the requirements in military science), and three years of work under the direction of the College of Education which comprise approximately 94 semester hours.

Candidates for the degree of Bachelor of Science in Education must complete certain general requirements and other specialization requirements called majors. Subjects completed in the University College (freshman year) may in part satisfy general requirements and the requirements in the major. In addition to the major, the student is required to complete at least one minor and, if possible, two, with 15 to 24 semester hours. All specified requirements of the State of Ohio Department of Education must be met in the majors and minors.

By September, 1945, all beginning teachers in the elementary schools of the State of Ohio must have the bachelor's degree. In view of this extension of the period of preparation for teaching in the elementary schools, all new beginning students must register for the four-year course.

During this transition period, the College of Education is temporarily offering three-year courses for those who wish to become kindergarten-primary or intermediate grade teachers. These three-year courses require 94 hours and 94 points for the diploma including the completion of specified courses. These courses must be completed by September 1, 1942, since the three-year diploma is good for the four-year provisional certificate only to that date.

College of Commerce

The College of Commerce offers curricula leading to the degrees of Bachelor of Science in Commerce, Bachelor of Science in Secretarial Studies, and Bachelor of Science in Journalism.

The flexibility of the curricula leading to the degree of Bachelor of Science in Commerce permits emphasis in one or more of several fields. These fields include accounting, advertising, banking, business law, economics, finance, labor, management, marketing, public utilities, taxation, and statistics. Considerable flexibility is present also in the curricula leading to the degree of Bachelor of Science in Secretarial Studies. Its main purpose, however, is

to prepare secretaries for responsible positions in business offices, other types of offices, and the civil service.

The College of Commerce cooperates with the College of Education in offering to students in the latter college teaching majors in the following: bookkeeping-social business, business education, economics, salesmanship-merchandising, and stenography-typing. These majors satisfy the requirements of the revised regulations for state certification in business education. Similarly, students interested in obtaining state minors in business education can meet these requirements through the offerings of the College of Commerce.

The School of Journalism offers curricula sequences which permit specialization in four fields or divisions of journalism: general writing and editing, feature and magazine writing, advertising, and business management. The courses within these curricula may be varied to meet the needs of students who have special interests which they would like to pursue.

All candidates for degrees in the College of Commerce, who entered the university before September 1, 1940, will complete a minimum of 124 semester hours and 124 scholastic points; those who entered after September 1, 1940, a minimum of 124 semester hours with a point-hour ratio of 1.000 in all hours attempted. The total hours include the requirements of the University College, four semester hours of physical welfare or military science, and three years of work under the direction of the College of Commerce which comprise approximately 94 semester hours.

College of Applied Science

The College of Applied Science is composed of the departments of agriculture, civil engineering, electrical engineering, and industrial arts, and the School of Home Economics, and offers the following degrees: Bachelor of Science in Agriculture, Bachelor of Science in Architectural Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Industrial Engineering, and Bachelor of Science in Home Economics. Each degree offers several options leading to a certain amount of specialization for students electing a more definite course of study.

Candidates for degrees in engineering, who entered the university before September 1, 1940, will complete a minimum of 140 semester hours and 140 scholastic points; those who entered after September 1, 1940, a minimum of 140 semester hours with a point-hour ratio of 1.000 in all hours attempted. Candidates for degrees in home economics and agriculture, who entered prior to September 1, 1940, will meet the minimum

requirements of 124 hours and 124 points, while those who entered after September 1, 1940, must complete a minimum of 124 hours with a point-hour ratio of 1.000 in all hours attempted.

The curricula in home economics are planned to equip students (1) for the efficient and successful participation in and administration of homes, (2) as home economists in social welfare agencies, (3) as dietitians, and (4) for various positions in the field of business.

The departments of agriculture and industrial arts offer courses which may be elected to complete majors or minors by students seeking degrees in other colleges. All courses offered in the College of Applied Science are open to students in the other colleges who have the required prerequisites.

For the baccalaureate degree, high specialization has been found undesirable because the students' opportunities for employment are reduced. The emphasis on fundamentals contained in the prescribed curricula, however, enable the student to find employment in many diversified industries and in many capacities.

College of Fine Arts

Composed of three schools, the School of Music, the School of Painting and Allied Arts, and the School of Dramatic Art, the College of Fine Arts is designed to offer the student a liberal cultural education in the fine arts and a thorough preparation in one of the three specialized fields. The Bachelor of Fine Arts degree with emphasis in one of the three divisions is awarded to students who successfully complete the prescribed curriculum.

For the degree of Bachelor of Fine Arts, a minimum of 32 semester hours for a major in (a) music, (b) painting and allied arts, or (c) dramatic art, and a minor of from 12 to 16 semester hours in each of the other schools are required. Electives may be added to the major or minor, used for the completion of other majors or minors, or used to meet the minimum requirements for a teaching certificate.

Candidates for the degree complete the general graduation requirements which include a minimum of 124 semester hours with a point-hour ratio of 1.000 in all hours attempted. These requirements include the program of the University College, and four semester hours of physical welfare or military science.

Graduate College

The Graduate College offers facilities for advanced study and research at the graduate level to teachers and others interested in graduate work. A wide range of courses in academic and professional fields is made avail-

able through the various divisions of the university. The college confers the degrees of Master of Arts, Master of Science, Master of Education, and Master of Fine Arts.

Admission. Students who hold a bachelor's degree from an accredited college or university are eligible for admission to the Graduate College. Applicants for admission from some unaccredited institutions are admitted conditionally. An admission blank may be obtained from the office of the registrar. Application for admission should be filed with the registrar at least a month before the opening of the session in which the applicant plans to begin his studies, and should be accompanied by an official transcript of the applicant's undergraduate record, except in the case of graduates of Ohio University. Upon being admitted to the Graduate College a student confers with the dean of the Graduate College who counsels with him regarding his plans for graduate study and arranges for faculty advisers in the major and minor fields.

The student's outline of graduate study is made by the advisers in conference with him. A student may be registered in the Graduate College without becoming a candidate for a graduate degree. Therefore, admission to the Graduate College does not of itself constitute admission to candidacy for a degree.

A student who is admitted to the Graduate College and who pursues courses with no regard to a major or a minor and with no thought of qualifying for a master's degree will be classified as a special student.

Credit and Residence. At least 32 semester hours of credit are required for the master's degree. Transfer students are required to complete at least 24 semester hours of credit at Ohio University. Courses taken by correspondence will not be accepted for credit toward the master's degree. However, a maximum of six semester hours taken in group extension, or the Portsmouth Center, or the Zanesville Center, will be accepted toward the master's degree, provided that these courses are conducted by instructors who regularly teach them when offered on the campus, and provided further that not more than two semester hours of transfer credit are submitted for the degree. A graduate student who is employed on full time is limited to three semester hours in a semester or a summer session.

All work submitted for graduate credit shall be of high quality. The minimum standard acceptable is a point-hour ratio of 2.000 in all courses attempted for graduate credit, with no grade below C, and not more than 20 per cent of the work accepted with a grade of C.

After securing a bachelor's degree, an adequately prepared student may be able to complete the work for the master's degree in one academic year

of two semesters, in four eight-week summer sessions, or in a minimum of three eight-week summer sessions and two post summer sessions. The minimum residence requirement is 30 weeks. Transfer students are required to have a minimum residence at Ohio University of one semester and one eight-week summer session, or three eight-week summer sessions, or at least 24 weeks, provided the other requirements for the degree are satisfied. The maximum time allowed between the date when a student is admitted to the Graduate College and begins graduate study and the date when the requirements for the degree are completed is six years. Students who do not complete their requirements for the degree within the six-year period are obliged to have their graduate outlines reviewed and revised in the light of current catalog requirements. Credit is not allowed for a graduate course unless all the work of the course, including the final examination, is completed and the final grade reported to the office of the registrar within one year after the official ending of the course.

Courses for Graduate Credit. Credit toward a graduate degree will be given for the completion of courses designed for graduate students (numbered 301-399) and courses designed for advanced undergraduates and graduates (numbered 201-299), provided that the courses have the approval of the advisers and the dean, as a part of the student's outline of study. Since graduate work implies specialization, a minimum of 18 semester hours of undergraduate credit is presupposed before a student can pursue his major subject for graduate credit. From six to twelve semester hours in undergraduate preparation are usually sufficient to begin graduate work with a minor in a subject.

Fees. The fees for graduate students are the same as those for undergraduates. Refer to the preceding sections under "Fees and Deposits" for a full statement of fees.

Program of Study. The student's program of study is divided between subjects in the major field and subjects in the minor field, unless a program otherwise arranged is approved by the Graduate Council. The program in the major field varies from 12 to 20 semester hours, exclusive of the thesis, for which from four to eight semester hours are allowed. The minor field in such cases makes up the remainder of the 32 semester hours required for the degree, and is selected from one or two departments closely related to the major field. However, all of the work for the master's degree may be done in one school or department on recommendation of the major adviser and with the approval of the Graduate Council.

Admission to Candidacy. In order to be admitted to candidacy for the master's degree, it is necessary that a student show his ability and fitness to

pursue graduate work in his chosen field. This may be done by completing a part of the program of graduate study as outlined with satisfactory grades. The further conditions of admission to candidacy are that the outline of graduate study and a thesis subject, acceptable to the major adviser, shall have been submitted to the dean and approved by the Graduate Council. Application for admission to candidacy should be made on a form obtainable at the office of the dean, and on a date not less than four months (two months in the summer session) before the degree is to be conferred.

Thesis and Examination. As partial fulfillment of the requirements for the master's degree, each candidate prepares a thesis under the direction of his major adviser on a subject approved by him and the Graduate Council. Credit on the thesis varies within a range of four to eight semester hours, the exact amount being determined by the major adviser. Furthermore, the candidate shall pass creditably an oral examination on a thesis approved by the major adviser and on the course work in his major and minor fields. The oral examination, approximately two hours in length, is conducted by a committee appointed by the dean, consisting of a representative of the Graduate Council and members of the staffs of the schools, departments, or divisions in which the candidate has done his work.

The candidate prepares his thesis under the direction of his major adviser on a subject in the field of his major work. The thesis provides an opportunity for the student to formulate and express results of his research and study. For students who desire to avail themselves of the instruction, a course on thesis writing is offered by the department of English. The thesis may vary in character from an extended essay, representing critical reading, independent study and the assimilation and interpretation of a considerable body of facts, to an account, sometimes more brief, describing a research project which makes some contribution to knowledge. With the approval of the Graduate Council, the thesis requirement may be met by the presentation of the results of creative research or activity together with a written essay indicating the purpose, procedure, bibliography, and problems involved in the work.

The candidate submits to the chairman of his examining committee, not later than one week before the date of his oral examination, three type-written copies of his thesis in final form. After the thesis is approved, and not later than five days before commencement, the candidate files two unbound copies of the thesis with the university librarian, and one bound copy of the thesis in accordance with directions obtained from the office of the dean. The two copies filed with the university librarian are bound and retained in the university library, and the copy filed with the dean is

presented to the school or department in which the work has been done.

Graduate Fellowships and Assistantships. Ohio University usually requires the services of 25 to 35 graduate teaching fellows and graduate assistants. During the past academic year 20 students were pursuing graduate work under fellowship appointments, and 13 under appointments as graduate assistants. The same number probably will be required in the academic year 1941-1942. Fellows and graduate assistants are selected on a basis of merit from students who have received the baccalaureate degree from approved institutions and who wish to pursue work leading to the master's degree.

A fellowship carries an annual stipend of \$300 with waiver of the general registration fee. There is no tuition fee. A graduate assistantship carries a stipend of \$300 with no waiver of general registration fee. A teaching fellow is required to give one half of his time to teaching or laboratory supervision, or both, in the department of his major field, and is expected to carry one half of the normal load of graduate work. The graduate assistant is required to give 20 to 24 hours of service weekly to the department of his major field and is permitted to carry eight to ten hours of graduate work.

Graduate teaching fellowships and graduate assistantships are usually available to qualified students in the following fields: botany, chemistry, commerce, dramatic art and speech, education, electrical engineering, English, home economics, industrial arts, mathematics, painting and allied arts, personnel divisions of the office of the dean of men and the office of the dean of women, physical welfare, physics, psychology, Romance languages, and zoology.

Application for a graduate teaching fellowship or a graduate assistantship must be filed with the dean of the Graduate College by March 1 of the academic year next preceding the year when the appointment begins. Application blanks may be obtained from the office of the dean.

Special Appointments for Women. Two to five positions are usually open annually for graduate student deans. The appointees receive a stipend of \$300 each, with exemption from registration fees, and are expected to give one half of their time assisting the dean of women and to carry one half the normal load of graduate work. Under this plan two academic years are required to complete the work for the master's degree. Applicants should have completed not fewer than 18 semester hours in the social sciences. Application for one of these appointments may be made directly to the dean of women.

Division of Physical Welfare

The Division of Physical Welfare offers a program for graduate and undergraduate students who wish to major or minor in physical education, health and recreation. Students are trained to teach or supervise in the following fields: elementary and secondary schools, colleges, state departments of education, city, rural, and industrial recreation, summer camps and playgrounds. All of the facilities of the division are available for both men and women.

The division maintains two gymnasiums, one for men and the other for women, and offers facilities for expression in sports and hobby classes, rhythmic, and swimming. Tennis courts and athletic fields are available for summer school students. Each afternoon, except Saturday, the division offers a recreational hobby project designed to meet the interests and needs of students. Instruction is given to volunteer groups in the activities desired. Instruction is also given in social and square dancing. Students interested in these activities should consult a member of the staff of this division.

Military Science and Tactics

Although no work is offered in the Division of Military Science and Tactics during the summer sessions, the following explanation of military training at the university is included in the bulletin for the benefit of any beginning students and for the general information of all students at the university.

The Reserve Officers' Training Corps was established in the United States under the National Defense Act of June 4, 1920. The board of trustees at Ohio University in 1935 entered into an agreement with the Federal Government for the establishment of a voluntary ROTC unit. Under this agreement the university maintains an elective course in military training for men students who are physically qualified. A student has the choice between two years of military training and the required first and second-year courses in the Division of Physical Welfare. Those who complete the first two years of military training and two additional years of five hours each semester are eligible for commission in the Officers' Reserve Corps of the United States Army. The first two years carry one hour of credit each semester and the last two years, three hours of credit each semester. The two-year course once entered upon becomes a prerequisite for graduation unless the student, for sufficient reason, is discharged from the obligation to complete it.

All necessary training equipment and the principal articles of the uniform are issued to basic course students by the Federal Government without cost.

Articles so issued remain the property of the government and must be returned.

A personal equipment fee of \$4, which is assessed at the beginning of the first semester for the year's course, is required of students enrolling for the first time in Basic Infantry to cover the cost of essential articles of uniform not issued free.

Upon entering the advanced course the student receives a money allowance for uniforms which last year amounted to \$29 for the first year. Upon entering the second year he receives a uniform maintenance allowance which last year was \$7. In addition "commutation of rations" is paid the advanced student quarterly. Last year this amounted to \$23 each quarter.

University Extension Division

The Extension Division offers two types of service whereby students may earn college credit while living at home—extension classes and correspondence study.

Extension classes are organized in any community within a reasonable distance of the university provided the required number of students can agree upon a course. The number of students required depends upon the distance from the campus. The instructor meets the class once a week. The number and length of the class periods are determined by the amount of credit allowed for the course.

The Extension Division will arrange a program of evening college classes at the freshman level in a community, provided the enrollment is large enough to justify the effort and provided the local board of education will apply for it and will agree to cooperate. It is possible for a student to earn sufficient credit at home under this program to enter Ohio University as a sophomore.

Under certain conditions six semester hours of extension class credit can be applied toward the master's degree.

The correspondence division offers over 230 courses, taught by members of the regular faculty from over 30 departments. The courses appeal to persons who want to engage in systematic study during their spare time. Qualified students are accepted at any time.

In extension classes and in correspondence study, students may earn 40 semester hours to apply towards a bachelor's degree.

Persons who are employed full time are limited to six semester hours a semester on the undergraduate level and three semester hours a semester

on the graduate level. Students who are enrolled in a college or university are not accepted without the written permission of the dean of the college.

A student who has not previously enrolled at Ohio University must file an application for admission to the Extension Division, and, if he intends to be a candidate for a degree at Ohio University, he must furnish a complete transcript of work done elsewhere; if he does not intend to be a candidate for a degree at Ohio University, then only a statement of good standing, of honorable dismissal, or of graduation from another college or university is necessary. Those who are entering college for the first time must file a transcript of high school credit. Persons over 21 years of age who have not met university entrance requirements are admitted on condition that they show ability to carry the work.

In 1931, Ohio University was admitted to the National University Extension Association after a very careful inspection by a special committee. The National University Extension Association is made up of over 50 recognized colleges and universities that maintain divisions of university extension. It promotes standards by strict procedures for admission to membership.

Persons interested should write to the Extension Division, Ohio University, Athens, Ohio, for a special bulletin and other information.

Portsmouth and Zanesville Centers

The University Extension Division in cooperation with the board of education of the Portsmouth City School District offers a program of evening college courses in the city of Portsmouth. This program was inaugurated in 1938 and is designed to meet the needs of high school graduates who find it impossible to go away to study. A similar program was inaugurated at Zanesville in September, 1939.

Beginning September 1, 1941, these centers will change from a residence-center basis to an extension-center basis according to the following plan:

1. Students registered prior to September, 1941, at either the Portsmouth or Zanesville center under the residence plan will be permitted to register during 1941-1942 on the residence basis, provided the total residence credits, or the combined residence and extension credits, do not exceed 64 semester hours.
2. New students, that is those who register at either Portsmouth or Zanesville during 1941-1942 for the first time, can register for extension credit only, and are subject to the 40-semester-hour extension limitation.
3. All credits earned at either Portsmouth or Zanesville during 1942-1943 and thereafter will be classified as extension credits.

COURSES OF INSTRUCTION

The courses of instruction are arranged in numerical order by departments of instruction.

The catalog numbers indicate the student classification for which the courses are designed. The numbers are grouped as follows:

1-99 for University College students

100-199 for undergraduate students

200-299 for advanced undergraduate and graduate students. These courses are not open to sophomores even though they have fulfilled the prerequisites of the courses.

300-399 for graduate students.

When a course requires a fee, the amount is stated in the description of the course.

A prerequisite is usually indicated by the number of the course or the number of semester hours required. When the catalog number or the number of semester hours refers to another department, the department is indicated.

Credit for a course is indicated by the number in parentheses. One semester hour, (1), is the equivalent of two recitations or four or more laboratory periods a week throughout the eight-week session. A course carrying a variable credit, (1-4), indicates the minimum and maximum amount of credit allowed for the course. The maximum amount of credit allowed for the course is indicated in the description of the course in the general catalog. A student may enroll for such a course a number of times provided the total registration for the course does not exceed the maximum credit.

AGRICULTURE

1. GENERAL AGRICULTURE. Planned to meet the needs of those preparing to teach agriculture and of those interested in the practical applications of the problems of general agriculture. Fee \$3. (3)

8 daily and 2 hrs. lab. arranged Wiggin

115. SOILS AND FERTILIZERS. The origin, types, physical properties, and distribution of soils, and their relation to crop production. Stable manure, green manure, and fertilizers as used in the maintenance of soil fertility. Fee \$3. (3)

9 daily and 2 hrs. lab. arranged Wiggin

121. TYPES AND BREEDS OF FARM ANIMALS. A study of types and breeds of farm animals: their history, development, breeding, handling, and general management. Principles of judging. Fee \$3. (3)

9 daily and 2 hrs. lab. arranged Henderson

135. FARM MANAGEMENT. The application of problems of rent, wages, labor, land values, marketing, and various phases of farm efficiency. (3) 10 daily Henderson

ARCHAEOLOGY AND ANTIQUITIES

202. THE ARCHAEOLOGY OF THE MEDITERRANEAN AREA. With special emphasis upon Roman archaeology. Designed to provide a comprehensive understanding of archaeological remains in this most important area and adapted to the needs of those who desire to familiarize themselves with the backgrounds of Roman life and classical culture. Prereq., 11 hrs. foreign language or 8 hrs. history and antiquities. (3) 10 daily Johnson

BOTANY

1. FRESHMAN BOTANY. A general survey of the field of botany. A study of the vegetative structures of higher plants. Fee \$3. (3) 7 daily, 8 M Th Vermillion
2. FRESHMAN BOTANY. A continuation of Bot. 1 which, however, is not a prerequisite. Bot. 1 and Bot. 2 may be taken concurrently. Fee \$3. (3) 11 daily, 10 T F Blickle
102. GENERAL BOTANY. A course for advanced students beginning the subject. Not open to those who have credit in Bot. 1, 2. Fee \$3. (3) 9 daily, 10 M W Vermillion
133. NATURE STUDY. A course in which the student is introduced to a better understanding of some of the living things about him. Fee \$3. (3) 8 daily, 9 W S Matheny
- 168g. TEACHING OF GENERAL SCIENCE. (Same as Ed. 168g) Practice in the construction of general science apparatus, and demonstrations of scientific laws through the utilization of common things near at hand. Prereq., 1 yr. of science. (2) 9 M T Th F Matheny
203. PLANT ECOLOGY. A study of plants in relation to their environment. Prereq., 1, 2 or 101, 102. Fee \$3. (3) 10 daily, 11 M F Matheny
205. PLANT PHYSIOLOGY. Water relations of the plant, soilless plant culture, growth and effect of growth hormones and vitamins, carbon assimilation, respiration, plant movements, and plant-soil relations. Prereq., 1, 2 or 101, 102, and one year of chemistry in high school or college. Fee, lab. \$4, breakage \$4. (4) 7, 8 daily Blickle
212. PALEOBOTANY. A field-laboratory study of fossil plants. Prereq., 1, 2 or 101, 102. Fee \$3. (3) 9 daily, 10 W S Blickle

221. PLANT PATHOLOGY. A course dealing with the nature, cause, and control of plant diseases. Prereq., 1, 2 or 101, 102. Fee \$3. (3)

11 daily, 10 T Th Vermillion

281. RESEARCH IN BOTANY. Prereq., 20 hrs. Fee \$1 for each credit hour. (1-6)

Arranged The staff

395. THESIS. Prereq., permission. (1-8)

Arranged The staff

CHEMISTRY

1. GENERAL CHEMISTRY. An introductory course devoted chiefly to the fundamental principles of inorganic chemistry. It deals with the atomic theory and the chemical viewpoint of matter. Special emphasis is placed upon the writing and the interpretation of the chemical equation. (3)

8, 9 T Th S Eblin

1. GENERAL CHEMISTRY LABORATORY. A laboratory course arranged to accompany Chem. 1. It will emphasize elementary laboratory methods in science and practice in manipulation of the chemical balance and its application to elementary quantitative experiments. Fee, lab. \$4, breakage \$3. (1)

8, 9 M W F Eblin

109. QUANTITATIVE ANALYSIS. This course deals with both the problem and laboratory aspects of analytical chemistry. It teaches the rapidity and accuracy necessary to analytic work, the interpretation of results, and the exercise of care and integrity. The emphasis is upon volumetric analysis. Prereq., 4 or 105. Fee, lab. \$4, breakage \$5. (4)

8 M T Th F, 12 hrs. lab. arranged Clippinger

113. ORGANIC CHEMISTRY. An introductory course covering both aliphatic and aromatic compounds. Emphasis is placed upon nomenclature, the fundamental principles of structures, and reaction tendencies which account for the basic theories in organic chemistry. Prereq., 2 or 4. (3)

7 daily Morton

117. ORGANIC CHEMISTRY LABORATORY. A brief laboratory course to accompany Chem. 113. Emphasis is placed upon typical organic preparations and laboratory operations to illustrate some of the most important reactions in both the aliphatic and aromatic series. 12 lab. Prereq., 113 or with 113. Fee, lab. \$5, breakage \$5. (2)

Arranged Eblin

168s. TEACHING OF CHEMISTRY AND LABORATORY PRACTICE. (Same as Ed. 168s) Instruction and practice in laboratory teaching and supervision. Each student is required to receive directions from the instructor in charge of the laboratory and to be responsible for a small group of students. Prereq., permission. (2)

Arranged Morton

224. METALLOGRAPHY. The fundamentals of physical metallurgy. A study of metallic structure, heat treatment, microscopic examination, and photographing of ferrous and non-ferrous alloys. The course is designed especially for those engaged in testing and inspection of metals and alloys. Prereq., 214. Fee, lab. \$3, breakage \$5. (3)

9 M T Th F, 4 hrs. lab. arranged Clippinger

251. SPECIAL PROBLEMS IN CHEMISTRY An advanced laboratory course designed to supplement work already completed in the fields of organic, physical, and analytical chemistry. The course will include conferences and special library assignments. Prereq., 24 hrs. Fee, lab. \$2, breakage \$5. (2)

Arranged The staff

381. RESEARCH IN CHEMISTRY. Prereq., 36 hrs. Fee, lab. \$1 for each credit hour, breakage \$5. (2-4)

Arranged The staff

395. THESIS. Prereq., permission. (1-4)

Arranged The staff

CIVIL AERONAUTICS

197. CONTROLLED PRIVATE FLYING. Preliminary ground instruction, taxiing, take-offs, landings, spins, forced landings; solo flight and practice, stalls, cross-wind take-offs and landings, power approaches and landings, and cross-country flight. 11½ lab. Prereq., registration in C. A. 199. Fee \$30 maximum. (0)

Arranged Athens Airways, Inc.

199. CONTROLLED PRIVATE GROUND COURSE. History of aviation, civil air regulations, navigation, meteorology, theory of flight, aircraft engines and instruments, and radio uses and terms. 4 lec. Prereq., see "Civil Pilot Training Program." (3)

1, 2 daily Dow, Wilsey

201. RESTRICTED COMMERCIAL GROUND COURSE. Aerodynamics and structure of airplanes, navigation; airplane engines, propellers, and accessories; aircraft operation. 8 lec. Prereq., 197, 199. See "Civil Pilot Training Program." (5)

11 daily Wilsey and others

7, 8, 9 p.m., M T W Th

202. RESTRICTED COMMERCIAL FLIGHT TRAINING. Flight training in advanced maneuvers of the airplane such as chandelles, lazy eights, spirals, loops, snap rolls, cartwheels, cuban eights, Immelman turns, slow rolls. 11½ lab. Prereq., registration in C. A. 201. Fee \$40 maximum (0)

Arranged Athens Airways, Inc.

CIVIL ENGINEERING

1. MECHANICAL DRAWING. Free hand lettering, use of instruments, geometric constructions, orthographic projections, auxiliary and sectional views, dimensioning. 12 lab. (2)

Arranged Gaylord

2. MECHANICAL DRAWING. Isometric, oblique, detail and assembly drawings. Intersections, developments, structural, electrical and architectural drafting, tracings and blue prints. Students who enter with two or more units of mechanical drawing may be excused by examination from part or all of the course. 12 lab. Prereq., 1. (2) Arranged Gaylord

74. THE SLIDE RULE. Prereq., Math. 5. (1) 10 T Th Gaylord

107. PERSPECTIVE DRAWING. Pictorial representation of objects, including shadows on objects and planes. Parallel and oblique perspective. 6 lab. Prereq., 2. (1) Arranged Gaylord

CLASSICAL LANGUAGES

(Also see "Archaeology and Antiquities")

Latin

121. SALLUST. The "Catiline" and selections from the "Jugurtha." Excellent material for parallel reading with Cicero's orations against Catiline. Also an opportunity for those who feel the need of an accredited review course. The work will be graduated to meet the needs of each individual. Prereq., 4 yrs. high school Latin or permission. (3)

7 daily Hill

165r. TEACHING OF LATIN. (Same as Ed. 165r) A comprehensive study of the aims and methods of teaching Latin, with some attention to the comparative merit of textbooks and important reference materials. Prereq., 103 or permission. (2) 9 M T Th F Hill

224. PETRONIUS. The "Dinner of Trimalchio" will be studied both for the light it throws on social life in Rome and as an example of Latin prose of the Empire. Prereq., 104 or equivalent. (2) 11 M T Th F Johnson

238. EPIGRAPHY. An introductory study of the form and content of Latin inscriptions, with the reading of a limited number to illustrate their nature and their value as a source of information in Roman life, language, and history. Prereq., 103 or equivalent. (1) 9 W S Johnson

240. SPECIAL WORK IN LATIN. Individual work under careful guidance, designed to solve the problems of special needs. Prereq., 103 or equivalent. (1-8) Arranged The staff

312. SALLUST'S CATILINE AND JUGURTHA. These are read in their entirety in their relation to Cicero's orations and as a background to the political situation which ushered in the Empire. Prereq., 20 hrs. (3)

7 daily Hill

391. LATIN OF THE TRANSITION PERIOD (SEMINAR). A study in

survey and analysis of "the rise of a new Latin," both in prose and in poetry, "which not only became a common speech for all Europe, but was the groundwork of the Romance languages and of half a dozen important national literatures." Prereq., 20 hrs. (3) 8 daily Hill

395. THESIS. Prereq., permission. (1-8) Arranged The staff

COMMERCE

Accounting

75-76. ELEMENTARY ACCOUNTING. The fundamental principles of accounting theory and practice as they effect corporations, partnerships, and proprietorships. The entire cycle of bookkeeping procedure. Ledger organization, expense controls, controlling accounts, and cost records with a discussion of exceptions and alternative methods constitute the second four weeks' work. (A student may register for Accounting 75 or 76 or both). (6)

Acct. 75 (3) First four weeks. 7, 8 daily Beckert

Acct. 76 (3) Second four weeks. 7, 8 daily Beckert

125. INTERMEDIATE ACCOUNTING. The preparation and analysis of balance sheet and income statements, principles of actuarial science, accounting for corporate net worth, consignments, installment sales, and current asset valuation. Prereq., 76 or 102. (3) 10 daily Beckert

243. INCOME TAX. A study of the current Federal Revenue Act and its application to hypothetical cases. Returns are prepared for individuals, partnerships, and corporations. Prereq., 125. (3) 10 daily Ray

281. RESEARCH IN ACCOUNTING. Prereq., 175, 195, and permission. (2-8) Arranged The staff

395. THESIS. Prereq., permission. (1-8) Arranged The staff

Advertising

241. ADVERTISING MEDIA AND MARKETS. An examination of the major media with special attention to the uses of each in the promotional program. The characteristics of the market reached by each medium are examined. Prereq., 155, Mkt. 155, and Ec. 102. (2)

9 M T Th F Krauskopf

281. RESEARCH IN ADVERTISING. Prereq., 18 hrs. commerce including 5 hrs. advertising and permission. (2-8) Arranged Krauskopf

Business Law

155-156. BUSINESS LAW. The principles of law involved in contracts, agency, sales, bailments, negotiable instruments, partnerships, and cor-

porations. (A student may register for Business Law 155 or 156 or both.)
(6) Bus. L. 155 (3) First four weeks. 7, 8 daily Dykstra
Bus. L. 156 (3) Second four weeks. 7, 8 daily Dykstra

175s. GOVERNMENT AND BUSINESS. Statutes, and court decisions interpreting them, by which federal, state, and local governments control, regulate, and aid business. Prereq., junior rank. (3) 9 daily Dykstra

281. **RESEARCH IN LAW.** A study of selected cases and current litigation in any field of law of particular interest to the student. Prereq., 18 hrs. commerce including 156 and permission. (2-8) Arranged Dykstra

Economics

101-102. PRINCIPLES OF ECONOMICS. The following economic material is presented: production, consumption, distribution, exchange, money and banking, business cycles, credit, international economic relations, government and taxation, and economic control. (A student may register for Economics 101 or 102 or both.) (6)

Ec. 101 (3) First four weeks.	7, 8 daily	Gubitz
Ec. 102 (3) Second four weeks.	7, 8 daily	Gubitz

212. ADMINISTRATION OF PERSONNEL. A comprehensive survey in the principles of the management of people in business organizations and institutions. Among the subjects treated are industrial government, employment management, accident and waste prevention, labor turnover, and similar topics. Prereq., 102. (3) 9 daily Gubitz

215. PUBLIC FINANCE. A study of the theory and practice of deficit financing of the Federal Government with an analysis of the effect of government debt and government spending on the various aspects of the economic system. Prereq., 102. (3) 11 daily Parker

227. CURRENT ECONOMIC PROBLEMS. An economic analysis of present-day practices and problems which have a bearing on current economic policy. Prereq., 102. (3) 10 daily Parker

230. HISTORY OF ECONOMIC THOUGHT. The evolution of man's ideas about economic matters, including a study of the contributions of classical and neo-classical economists and their contemporary critics. Attention is given to the industrial, social, and political background of economic thought. Prereq., 102. (3) 8 daily Parker

281. RESEARCH IN ECONOMICS. Prereq., 15 hrs. and permission. (2-8)
Arranged The staff

395. THESIS. Prereq., permission. (I-8) Arranged Gubitz

Finance

121. BUSINESS FINANCE. The elements of business finance, the corporation, corporate securities, and financial plans. (3) 9 daily Armbruster

281. RESEARCH IN FINANCE. Special studies in money, banking, or business finance. Prereq., 9 hrs., Ec. 102, and permission. (2-8)

Arranged Armbruster

Marketing

158. MARKETING PROBLEMS. A consideration by the case method of the problems facing the producer and the middleman. Prereq., 155. (3)

10 daily Krauskopf

176. SALES MANAGEMENT. Problems in the management of the sales organization and in some of the immediately related fields of management. Prereq., 155. (3)

11 daily Krauskopf

281. RESEARCH IN MARKETING. Research methods, market data, and methods of conducting market surveys. Prereq., 18 hrs. commerce including 5 hrs. marketing, and permission. (2-8)

Arranged Krauskopf

Secretarial Studies

15s. TYPEWRITING. A beginning course in typewriting. Students are expected to attain a speed of 35 words a minute. Not open to those who have had typewriting in high school. Fee \$3. (3)

9 daily, 3 hrs. arranged Snook

16. TYPEWRITING. Students are expected to attain a speed of 45 words a minute. Fee \$2. Prereq., 15 or 15s. (2)

10 daily, 1 hr. arranged Snook

31. SHORTHAND. A beginning course in Gregg shorthand. Prereq., 15 or 15s, or with 15s. (3)

8 daily Gilmore

32. SHORTHAND. Students are expected to attain a rate of 60 words per minute. Prereq., 31. (3)

9 daily Gilmore

151. ELEMENTARY DICTATION AND TRANSCRIPTION. The fundamental principles of taking dictation and transcribing business letters. The standard for credit is the 100-word Gregg transcription test. Fee \$1. Prereq., 16 and 32. (3)

10, 11 M T W Th F Gilmore

161s. TEACHING OF SHORTHAND. (Same as Ed. 161s) Prereq., 151 or 80-word dictation test. (2)

9 M T Th F Miller

180. OPERATION OF OFFICE MACHINERY. Six hours a week. Prereq., junior or senior rank. Fee \$2. (2)

11 daily Snook

235. **COMMERCIAL CURRICULUM CONSTRUCTION.** (Same as Ed. 235) A course involving the principles and factors necessary in the construction of a curriculum of commercial courses in the high schools of varied communities. Prereq., 20 hrs. commerce. (2) 7 M T Th F Miller
287. **RESEARCH IN BUSINESS TEACHING PROBLEMS.** (Same as Ed. 287) Prereq., 20 hrs. commerce, senior or graduate rank, and permission. (2-8) Arranged The staff
391. **SEMINAR IN BUSINESS TEACHING PROBLEMS.** (Same as Ed. 391) Prereq., 20 hrs. commerce and permission. (2-8) 8 daily Miller
395. **THESIS.** Prereq., permission. (1-8) Arranged The staff

Statistics

- 155-156s. **BUSINESS STATISTICS.** Elementary statistical methods used in business. This four-hour course meets the statistics requirement for the B. S. C. degree. 6 lec. and 4 lab. Fee \$4. (A student may register for Statistics 155 or 156 or both.) (4)
- Stat. 155 (2) Fee \$2. First four weeks. 7, 8 M T W Th F; lab. arranged Ray
- Stat. 156 (2) Fee \$2. Second four weeks. 7, 8 M T W Th F; lab. arr. Ray

DRAMATIC ART

3. **PUBLIC SPEAKING.** A fundamental course in effective speaking. Practice in presenting short informative, entertaining, and persuasive speeches with emphasis upon intellectual and emotional adjustments to speaking situations. Conferences with the instructor. (2)
- 8 M T Th F Staats
15. **VOICE AND DICTION.** Designed to assist in making social adjustments through the medium of speech training. Emphasis upon mental, physical, and emotional coordinations essential to good voice. Special attention to phrasing, intonation, pronunciation, and minor speech difficulties. Group and individual guidance. Vocal recordings. Fee \$2. (2)
- 8 M T Th F Jukes
- 9 M T Th F Dawes
- 10 M T Th F Jukes
21. **ELEMENTS OF STAGE SCENERY.** A basic course in the technical considerations of producing a play; the underlying principles of scenic construction; and types and utilization of stage scenery. (3)
- 9 M W, 8 hrs. arranged Jukes
25. **PRINCIPLES OF ARGUMENTATION.** Analysis of the debate proposition, preparation of the brief, study of evidence, and class debates. (2)
- 9 M T Th F Staats

147. THEATRE WORKSHOP. Participation in the production process connected with plays presented by the University Theatre. Rehearsal, performance, and technical work connected with theatrical production. (1-2) Arranged Dawes

162h. TEACHING OF HIGH SCHOOL DRAMATICS. (Same as Ed. 162h) Sources of dramatic material on the high school level. Methods of casting, staging, and production from the point of view of the secondary school. Organization and function of the dramatic club. Prereq., 4 hrs., 12 hrs. English, and permission. Teaching experience may be accepted in lieu of course prerequisites. (2) 11 M T Th F Dawes

162x. TEACHING OF SPEECH IN THE HIGH SCHOOL. (Same as Ed. 162x) Emphasis placed on indicated procedures in high school speech classes; a comprehensive survey of the literature and material adapted to speech training in high schools; and the correlation of speech work with extracurricular activities such as debating, parliamentary procedure, panel discussions, and assembly programs. Prereq., 12, 15, 25, or permission. (2) 10 M T Th F Staats

195. INTRODUCTION TO SPEECH PATHOLOGY. The nature, symptoms, causes, etiology, and diagnosis of disorders of speech and voice. Clinical practice in the correction of speech anomalies. Prereq., 6 hrs., Psych. 1 or 5, or permission. (3) 11 M T Th F Jukes

381. RESEARCH IN THEATRE PRACTICE. Specific phases of the production process. Attention to classic and contemporary literary treatment. Directed experimentation in theatrical techniques. Prereq., 18 hours. (3-6) Arranged Dawes

391. SEMINAR IN SPEECH. Problems in speech, the various speech movements, and the evolution of the speech curriculum. Remedial speech demands in the elementary and secondary school work. Assigned problems. Prereq., 15 hrs. (2-3) Arranged Staats

395. THESIS. Prereq., permission. (1-8) Arranged The staff

EDUCATION

Elementary Education

112. PRINCIPLES OF ELEMENTARY EDUCATION. A study of the aims of education, the nature of the learner and of society, and the sociological needs of contemporary life. (3) 10 daily Smith

113. EDUCATIONAL TESTS AND MEASUREMENTS. Standardized and informal new-type tests for the elementary grades and the junior high

school; problems involved in the building, administering, scoring, and the interpretation of results of tests. Fee \$2. (2) 11 M T Th F Lokensgard

211. THE ELEMENTARY CURRICULUM. A study of the changing pattern of curriculum making in the elementary school: child growth and child development as important factors, the broadening social responsibility of the school, and the widening scope of education. Prereq., 6 hrs. education and Psych. 5. (3) 1, 2 M W F Goggans

History and Philosophy

254. COMPARATIVE EDUCATION. A comparative study of the national school systems of Europe, with special emphasis on Russia, Germany, Denmark, England, and France. Prereq., 9 hrs. education including 3 hrs. in history of education, and Psych. 5. (3) 11 daily Wade

255. PHILOSOPHY OF EDUCATION. A summarizing course in which each student is helped consciously to formulate his philosophy of education. Prereq., 9 hrs. education. (3) 10 daily Bryan

256. PROGRESSIVE EDUCATION. A study of a movement in education which questions beliefs, judgments, and practices in organized education. Recent biological, psychological, and sociological findings are studied. Prereq., 12 hrs. education and Psych. 5. (3) 7 daily Goggans
10 daily Goggans

259. HISTORY OF EDUCATION IN THE UNITED STATES. The European social, economic, and political influence on colonial life and education. The development and expansion of public education in the United States. Prereq., 3 hrs. education and Psych. 5. (3) 9 daily Wade

Kindergarten-Primary

1. PLAY AND PLAY MATERIALS. Play and its importance in child development, equipment and play materials, development of organized games. (2) 7 M T Th F Wilson

2. LITERATURE FOR EARLY CHILDHOOD. Children's literature, source material, standards of selection, planning story groups for special occasions, dramatization, and experience in story telling. (3) 10 daily Riden

101. ACTIVITIES FOR EARLY CHILDHOOD. A study of criteria for selecting and evaluating activities to determine the outcomes of these activities in terms of child growth. Learning experiences are planned and carried out in the laboratory. Fee \$3. (3) 7, 8 M T Th F Johnson

201. KINDERGARTEN-PRIMARY CURRICULUM. The principles and factors underlying the selection and organization of the content and the

construction of a curriculum for kindergarten-primary grades. Some phases of curriculum construction. Prereq., 6 hrs. education and Psych. 3 or 5. (3) I, 2 M W F Ridsen

202. SURVEY OF EARLY CHILDHOOD EDUCATION. The articulation of the nursery school, kindergarten, and primary grades; recent movements in the kindergarten-primary field, and investigation in a special field of interest. Prereq., 111, 201, and Psych. 3 or 5. (3) 11 daily Ridsen

Research and Scientific Techniques

281. EDUCATIONAL STATISTICS. The tabulation and graphical representation of measures of dispersion and central tendency. Practice in the use of statistical tables and calculating machines. Prereq., 6 hrs. education and Psych. 5. (3) 7 daily Lokensgard

284. RESEARCH IN EDUCATION. Students are directed in the investigation of selected phases of educational theory and practice. Prereq., 9 hrs. education and Psych. 5. (2-6) Arranged The staff

287. RESEARCH IN BUSINESS TEACHING PROBLEMS. (Same as Sec. St. 287) Prereq., 20 hrs. commerce, senior or graduate rank, and permission. (2-8) Arranged The staff

391. SEMINAR IN BUSINESS TEACHING PROBLEMS. (Same as Sec. St. 391) Prereq., 20 hrs. commerce and permission. (2-8) 8 daily Miller

395. THESIS. Prereq., permission. (1-8) Arranged The staff

School Administration and Supervision

141. AUDIO-VISUAL EDUCATION. The relationship of audio-visual aids to the learning experience, acquaintance with source materials in the field, laboratory and community participation in the use of projectors, slides, film strips, graphs, posters, etc. Prereq., 3 hrs. education and Psych. 5. (2) 7 M T T h F Truitt

I, 2 T T h Truitt

210. ADMINISTRATION OF THE ELEMENTARY SCHOOL. A consideration of the relationship of administration to the program of the elementary school: planning together and extending the democratic vision of, and participation in, the elementary school. Prereq., 3 hrs. education and Psych. 5. (3) 9 daily Truitt

240. SCHOOL ADMINISTRATION. The place of the federal government, state, county, and city in education; the superintendent, his powers and duties; and the organization and administration of the public school

system. Prereq., 3 hrs. education and Psych. 5. (3) 8 daily Smith
11 daily Graff

241. SCHOOL FINANCE. The place of school finance in the field of public finance, the sources of data, the sources of revenues, expenditures, economies, equalization, control of funds, and indebtedness. Prereq., 6 hrs. education including 3 hrs. of school administration, and Psych. 5. (3)
8 daily Graff

244. PROBLEMS IN SCHOOL ADMINISTRATION. A course treating intensively special problems in school administration. The problems are determined by the interests of the students. Prereq., 9 hrs. education including 230 or 240. (3) Arranged Dixon

246. SUPERVISION OF INSTRUCTION. The evolution of supervision, outstanding supervisory programs, principles underlying democratic supervision, techniques which promote the growth of the teacher in service. Prereq., 12 hrs. education including 201, 211, 232, or 255. (3)
8 daily Wade

246b. WORKSHOP IN ELEMENTARY EDUCATION. A comprehensive and thorough study of the problems of the elementary school and the curriculum. The course is designed to provide opportunities for guidance and participation in attacking problems brought in from actual experience in the field. A student may do intensive work on a specific problem and also work with a group when desirable. The philosophical and administrative implications of specific and group problems will be studied. Opportunities for informal conferences between individuals and staff, and groups of students and staff, will be provided. Graduate students may earn not to exceed eight hours in this course. Prereq., 15 hrs. education, senior or graduate rank, teaching experience, and permission. (6-9)

8, 9, 10 daily and 1, 2 T Th. Beechel, Quick, Temple, and consultants

247a. VISITING TEACHER. (Same as Soc. 247a) An introductory lecture, clinic, and field work course designed to acquaint experienced teachers with the functions of the visiting teacher in the school system; the analysis of social situations in home, community, and school tending to produce pupil maladjustment; the diagnosis of personality difficulties; the social case work techniques of interviewing, recording, diagnosing, and adjusting problem cases; and the major agencies in the community dealing with maladjusted or underprivileged children. Observation and case study assignment at a clinic will be supplemented by some supervised field practice. Prereq., 6 hrs., teaching experience, and permission. Fee \$3. (3)

10 M T W Th F, clinic and field service arranged. The staff

248. VOCATIONAL GUIDANCE. The various phases of educational and vocational guidance. Prereq., 6 hrs. education and Psych. 5. (2)

11 M T T h F McLaughlin

Secondary Education

130. PRINCIPLES OF SECONDARY EDUCATION. The general purpose of secondary education, relation to other levels of education, content and organization of curricula, and other topics. Not open to first semester sophomores. (3) 9 daily Bryan

131. EDUCATIONAL TESTS AND MEASUREMENTS. Standardized and informal new-type tests for the senior high school. Problems involved in the building, administering, scoring, and interpretation of results of tests. Fee \$2. (2) 10 M T T h F Graff

230. HIGH SCHOOL ADMINISTRATION. Problems of school and class organization, discipline, grading, curricula, guidance, and extraclass activities in the secondary school. Prereq., 3 hrs. education and Psych. 5. (3) 7 daily McLaughlin

232. THE HIGH SCHOOL CURRICULUM. The high school program of studies, the contributions of various subjects, integration, theories of curriculum construction, curriculum research, and desirable steps in the reorganization of the high school curriculum. Prereq., 6 hrs. education including 130. (2) 10 M T T h F McLaughlin

235. COMMERCIAL CURRICULUM CONSTRUCTION. (Same as Sec. St. 235) A course involving the principles and factors necessary in the construction of a curriculum of commercial courses in the high schools of varied communities. Prereq., 20 hrs. commerce. (2) 7 M T T h F Miller

Special Education

222. DIAGNOSIS AND REMEDIAL INSTRUCTION IN ELEMENTARY SUBJECTS. A laboratory course in methods of diagnosis and remedial treatment in fundamental school subjects for problem cases. Each student may have one or more child cases for diagnosis and remedial practice. Prereq., 3 hrs. education and Psych. 5. (2) 11 M T T h F De Land

223. CURRICULUM FOR SPECIAL CLASSES. Types of curricula for special classes. Units of work, materials, and activities suited to wide range of mental levels. Prereq., 3 hrs. education and Psych. 5. (3) 7 daily De Land

Student Teaching

The College of Education specifies three semester hours of observation and

participation and from four to ten semester hours of student teaching in the requirements outlined for the degree of Bachelor of Science in Education and for the three-year diploma. Student teaching credit may be transferred from accredited colleges, but will not fully satisfy the requirements.

In no case shall fewer than two or three semester hours of student teaching in the training schools of the university satisfy this requirement.

Students with approved teaching experience who wish to take observation and participation and student teaching during the summer session are allowed to satisfy the requirement by taking two semester hours of observation and participation and three semester hours of student teaching.

A student without experience will not be able to complete the full requirement of three semester hours of observation and participation and four semester hours of student teaching during the summer session. It will be possible, however, to complete four semester hours of advanced student teaching in elementary education.

Student teaching reservations should be made before the opening of the summer session. Reservation blanks may be secured from Dr. A. B. Sias, College of Education, Ohio University, Athens, Ohio.

PREREQUISITES FOR ALL TYPES OF STUDENT TEACHING

1. A student must have at least a C (1.000) average in English 1-2 or English 3-4, or make a satisfactory grade on a written proficiency test in English.
2. A student must have a satisfactory grade in oral English. The grade in oral English is generally given while the student is enrolled for English 2 or English 4. This grade is recorded in the office of the dean of the College of Education.
3. A student must meet standards required in speech. A speech test may be required when necessary as evidence to determine freedom from speech defects. A fee of \$1 is charged for a test when a mechanical recording is necessary.
4. In general, only students who meet the standard in the psychological test for entrance to teacher preparation shall be admitted to the courses in "Student Teaching and Observation and Participation." This requirement is based on Sec. 7659 of the Ohio Statutes and the regulations of the State of Ohio Department of Education. Exceptions can be made to this standard only in case of a high scholastic record and unusually favorable personality traits.

The results of the written proficiency test in English and the speech test are used as a basis for rejecting or approving the student's application for student teaching.

All students who apply for student teaching after September 1, 1940, are required to meet the above standards.

ADDITIONAL PREREQUISITES FOR STUDENT TEACHING IN THE ELEMENTARY SCHOOLS:

1. Completion of at least 64 semester hours of the outlined course including prerequisite requirements with at least as many points as semester hours attempted.
2. A score of at least 80 on the Ayers Scale for Handwriting.

ADDITIONAL PREREQUISITES FOR STUDENT TEACHING IN SPECIAL SUBJECTS AND IN THE HIGH SCHOOL ACADEMIC SUBJECTS:

1. Completion of 90 semester hours of the outlined course with at least as many points as semester hours attempted.*
2. Completion of subject matter, at least to the extent represented by the state requirements for a teaching subject, in the subject or field in which the teaching is to be done. These requirements are found under "Certification for Teaching." The scholastic record in the subject must include at least as many points as semester hours attempted.*
3. Completion of the following courses in education with at least as many points as semester hours attempted:*

Psych. 5—Educational Psychology (3)

Ed. 130—Principles of Secondary Education (3)

Ed. Teaching Techniques (in subject to be taught) (2)

4. Completion of the following courses in education with at least as many points as semester hours* attempted either before student teaching is begun or during the semester in which the teaching is done:

Ed. 180—Observation and Participation in High School Academic Subjects or

Ed. 182—Observation and Participation in Special Subjects (3)

Ed. 131—Educational Tests and Measurements** (2)

*Lack of points may be made up by taking additional approved courses in Ohio University in the same general field.

**Not required of majors in art, commerce, home economics, industrial arts, music, or physical welfare.

Student Teaching and Observation and Participation

171. OBSERVATION AND PARTICIPATION IN KINDERGARTEN-PRIMARY GRADES. Prereq., with 172. (2)

Arranged McCracken and supervising critics

172. STUDENT TEACHING IN KINDERGARTEN-PRIMARY GRADES.

Fee \$6. Prereq., with 171. (3)

Arranged McCracken and supervising critics

173. STUDENT TEACHING IN KINDERGARTEN-PRIMARY GRADES.

Students specializing in kindergarten do this extra two semester hours of student teaching in the first and second grades; those specializing in primary grades, in the kindergarten. Fee \$4. Prereq., 172. (2)

Arranged McCracken and supervising critics

174. ADVANCED STUDENT TEACHING IN KINDERGARTEN-PRIMARY

GRADES. Prereq., 172, 173, and senior rank. Fee \$2 for each credit hour. (2-4)

Arranged McCracken and supervising critics

175. OBSERVATION AND PARTICIPATION IN INTERMEDIATE

GRADES. Prereq., with 176. (2)

Arranged McCracken and supervising critics

176. STUDENT TEACHING IN INTERMEDIATE GRADES. Fee \$6. Pre-

req., with 175. (3)

Arranged McCracken and supervising critics

177. ADVANCED STUDENT TEACHING IN INTERMEDIATE GRADES.

Fee \$2 for each credit hour. Prereq., 176 and senior rank. (2-4)

Arranged McCracken and supervising critics

178. STUDENT TEACHING IN SPECIAL EDUCATION. Fee \$6. Pre-

req., with 175. (3)

Arranged McCracken

180. OBSERVATION AND PARTICIPATION IN HIGH SCHOOL, ACADEMIC

SUBJECTS. Prereq., junior or senior rank. (2)

Arranged McCracken

181. STUDENT TEACHING IN HIGH SCHOOL, ACADEMIC SUBJECTS.

Fee \$6. Prereq., 180 or with 180, and senior rank. (3)

Arranged McCracken

182. OBSERVATION AND PARTICIPATION IN SPECIAL SUBJECTS.

Prereq., junior or senior rank. (2)

Arranged McCracken and departmental supervisors

Majors in art and music observe largely in the elementary schools.

Majors in commerce and industrial arts observe in the junior and senior high schools.

Majors in home economics take the course in conjunction with Ed. 183.

Majors in physical welfare divide the observing time equally between the elementary grades and the high school.

183. STUDENT TEACHING IN SPECIAL SUBJECTS. These subjects are art, commerce, home economics, industrial arts, music, and physical welfare. Fee \$2 for each credit hour. Prereq., 182 or with 182, and senior rank. (2-4)
Arranged McCracken and departmental supervisors

Teaching Techniques

BOTANY

168g. TEACHING OF GENERAL SCIENCE. (Same as Bot. 168g) Practice in the construction of general science apparatus, and demonstrations of scientific laws through the utilization of common things near at hand. Prereq., 1 yr. of science. (2) 9 M T Th F Matheny

CHEMISTRY

168s. TEACHING OF CHEMISTRY AND LABORATORY PRACTICE. (Same as Chem. 168s) Instruction and practice in laboratory teaching and supervision. Each student is required to receive directions from the instructor in charge of the laboratory and to be responsible for a small group of students. Prereq., permission. (2) Arranged Morton

COMMERCE

161s. TEACHING OF SHORTHAND. (Same as Sec. St. 161s) Prereq., Sec. St. 151 or 80-word dictation test. (2) 9 M T Th F Miller

DRAMATIC ART

162h. TEACHING OF HIGH SCHOOL DRAMATICS. (Same as Dram. A. 162h) Sources of dramatic material on the high school level. Methods of casting, staging, and production from the point of view of the secondary school. Organization and function of the dramatic club. Prereq., 4 hrs. dramatic art, 12 hrs. English, and permission. Teaching experience may be accepted in lieu of course prerequisites. (2) 11 M T Th F Dawes

162x. TEACHING OF SPEECH IN THE HIGH SCHOOL. (Same as Dram. A. 162x) Emphasis placed on indicated procedures in high school speech classes; a comprehensive survey of the literature and material adapted to speech training in high schools; and the correlation of speech work with extracurricular activities such as debating, parliamentary procedure, panel discussions, and assembly programs. Prereq., Dram. A. 12, 15, 25, or permission. (2) 10 M T Th F Staats

ELEMENTARY EDUCATION

63a. TEACHING OF READING IN PRIMARY GRADES. Discussion, research, and observation of modern approaches to the first reading experiences with some laboratory and community experiences to develop background meanings and participation in home, school, and community groups. (2) 11 M T Th F Johnson

63b. TEACHING OF READING IN INTERMEDIATE GRADES. Discussion, research, and observation relative to needs and development of reading power as children in the intermediate grades make use of reading in order to solve problems and to enrich experiences. (2) 10 M T Th F Johnson

63g. TEACHING OF ARITHMETIC IN INTERMEDIATE GRADES. Methods of presenting the subject matter of the arithmetic curriculum in grades 4, 5, and 6; results of experimental investigation; standardized tests and mechanical drill devices. (3) 9 daily Lokensgard

64g. TEACHING OF LANGUAGE ARTS IN THE GRADES. A study of the expressive arts, creative expression, and the development of related skills. Prereq., Eng. 1 or 3. (2) 7 M T Th F Smith

ENGLISH

164b. TEACHING OF ENGLISH IN THE SENIOR HIGH SCHOOL. (Same as Eng. 164b) A study of the content and presentation of grammar and composition. Prereq., Eng. 2 or 4 and junior or senior rank. (2) 11 M T Th F Wray

GEOGRAPHY

169g. TEACHING OF GEOGRAPHY IN THE UPPER GRADES AND HIGH SCHOOL. (Same as Geog. 169g) The course deals with the professionalized subject matter of geography in the upper grades and high school. (3) 11 daily Dow

HISTORY

169h. TEACHING OF HISTORY AND CIVICS IN JUNIOR AND SENIOR HIGH SCHOOLS. (Same as Hist. 169h) The development of history and civics as school subjects; objectives, instructional methods and materials, types of work, organization of the course of study, testing, and school problems related to teaching the subjects. (2) 11 M T Th F E. B. Smith

HOME ECONOMICS

168h. TEACHING OF HOME ECONOMICS. (Same as H. Ec. 168h) Homemaking curricula, organization, and procedure in secondary schools. Consideration of objectives and needs for various groups. Methods of

instruction applicable to this field. Participation in home projects, field trips, and observations of various kinds including adult groups in home-making classes. Prereq., 12 hrs. home economics. (3)

7 M T W Th F, 1 hr. arranged Patterson

250h. SPECIAL PROBLEMS IN THE TEACHING OF HOME ECONOMICS. (Same as H. Ec. 250h) Opportunity for individual selection of problems. Prereq., 18 hrs. and 168h. (3) Arranged Patterson

LATIN

165r. TEACHING OF LATIN. (Same as Lat. 165r) A comprehensive study of the aims and methods of teaching Latin, with some attention to the comparative merit of textbooks and important reference materials. Prereq., Latin 103 or permission. (2) 9 M T Th F Hill

MATHEMATICS

168m. TEACHING OF MATHEMATICS IN HIGH SCHOOL. (Same as Math. 168m) An analysis of the basic ideas of algebra and geometry; methods of presenting topics in these subjects to high school students. Prereq., Math. 6 and Psych. 5. (3) 11 daily Denbow

MUSIC

166b. TEACHING OF INSTRUMENTAL MUSIC. (Same as Mus. 166b) Methods of organizing and conducting classes in instrumental music, with a survey of materials. Problems of organizing bands and orchestras. (3) 9 daily Ingerham

166d. TEACHING OF DANCES AND GAMES.* (Same as Mus. 166d) Dances and games for grades 1 to 8 and methods of presentation. (1) 8 W S Danielson

166e. TEACHING OF MUSIC IN ELEMENTARY GRADES. (Same as Mus. 166e) (Formerly 166g and 166k) Prereq., Mus. 2. Fee \$1. (2) 11 M T Th F Danielson

166j. TEACHING OF MUSIC IN JUNIOR AND SENIOR HIGH SCHOOLS. (Same as Mus. 166j) (3) 10 daily Danielson

PAINTING AND ALLIED ARTS

60c. TEACHING OF DESIGN FOR EARLY CHILDHOOD. Same as P.A.A. 60c) Prereq., P.A.A. 3. (1) 7 W S, 2 hrs. arranged Woolf

60g. TEACHING OF DESIGN FOR INTERMEDIATE AND HIGHER GRADES. (Same as P.A.A. 60g) Prereq., P.A.A. 3. (1) 11 W S, 2 hrs. arranged Woolf

*This course may be substituted by school music majors for one hour of required physical welfare.

PHYSICAL WELFARE

167a. TEACHING OF COACHING—WOMEN. (Same as P.W. 167a) Theory and practice of coaching field hockey and basketball. (2)

2 M T W Th Hatcher

167e. COACHING OF BASKETBALL. (Same as P.W. 167e) The coaching and training of basketball teams, beginning with fundamentals, passing, dribbling, pivoting, shooting, and team play; various methods of offense and defense and the selection of men. (2)

First four weeks 1, 2, 3, 4 T Th Trautwein

167f. COACHING OF FOOTBALL. (Same as P.W. 167f) Fundamentals of football; details of each position on the team; principles of offense and defense; football strategy; a comparison of various systems of football. Prereq., junior rank. (2)

First four weeks 1, 2 M W F, 3 M W Peden

167h. TEACHING OF HEALTH. (Same as P.W. 167h) Instruction, principles, and curricula used in presenting health information to children of the different school levels. Prereq., 22 (2)

10 M T Th F Trepp

167p. TEACHING OF PHYSICAL WELFARE. (Same as P.W. 167p) Physical education for elementary and secondary schools. Not required of majors. (1)

11 W S Rhoads

167s. TEACHING OF SWIMMING—WOMEN. (Same as P.W. 167s) Methods and practice in the teaching of swimming. (2)

2 M W F, 2 hrs. arranged Kellner

PHYSICS

168p. TEACHING OF PHYSICS. (Same as Phys. 168p) Objectives, selection of subject matter and laboratory work, and order and method of treatment. Prereq., one course in physics. (2)

10 M T Th F Bundy

ZOOLOGY

168z. TEACHING OF ZOOLOGY. (Same as Zool. 168z) The following topics are among those considered: aims and objectives of zoology courses; survey of available texts, manuals, and reference books; various methods of instruction; sources of laboratory equipment and supplies; special aids in instruction; examinations; controversial topics in biology. The student is given opportunity to examine and use the books, materials, and equipment discussed. Prereq., Zool. 4 and an additional laboratory course in zoology. (2)

9 M T Th F Stehr

ELECTRICAL ENGINEERING

101. PRINCIPLES OF RADIO. Preliminary study of electrical circuits,

resonance and tuning applications, the vacuum tube, amplifier circuits, the complete receiver, radio transmitters, antennae and transmission lines. Laboratory work parallels the theory and includes such experiments as measurement of coils and condensers, use of frequency meters, assembling and aligning of receivers, tuning and operation of transmitters, and elementary measurement of radio field intensity. Prereq., Math. 6. Fee \$3. (3)

9 M T W F, 8, 9 Th S Green

103. PRACTICAL ELECTRICITY. Elementary principles of electricity. Practical working principles of batteries, generators, transformers, motors, and motor control equipment; refrigeration; lighting; protective devices; communication by means of telegraph, telephone, radio, and teletype. The laboratory includes practice in wiring, construction of a transformer, motor armature wiring, repairing of motors and household appliances. Fee \$3. (3)

10 M T W F, 10, 11 Th S Green

205. SCHOOL ACOUSTICS. A course suitable for music majors, teachers, school administrators, and architects. It treats sound generators, fundamental and harmonic frequencies of strings, pipes, and plates. The principles of operation of amplifiers, microphones, public address systems, sound movies, sound recording and reproducing, and the acoustics of auditoriums and broadcasting studios. Prereq., 12 hrs. physics, or music (including 104), or dramatic art, or education. (2)

8 M T W F Green

ENGLISH

3. ENGLISH COMPOSITION. A course in the fundamentals of composition, the structure of the paragraph, and the writing of exposition. Students who make unusually high grades in the proficiency tests are excused from Eng. 3 and allowed to take Eng. 4. (3)

9 daily Harrison

4. ENGLISH COMPOSITION. Emphasis is placed on the study of models of argumentation, description, and narration, and special attention is given to oral English. Prereq., 3. (3)

10 daily Harrison

101. SOPHOMORE ENGLISH LITERATURE. The course is devoted to a study of the works of eight or ten of the chief English authors from the beginnings of English literature to the middle of the eighteenth century. Prereq., 2 or 4. (3)

7 daily Foster

102. SOPHOMORE ENGLISH LITERATURE. This course begins with the middle of the eighteenth century and continues the study to the present. Prereq., 2 or 4. (3)

9 daily Wray

10 daily Heidler

111. THE CHIEF AMERICAN WRITERS. A study of representative

material, prose and poetry, selected from Franklin, Freneau, Irving, Cooper, Bryant, Emerson, Thoreau, Hawthorne, Whittier. Prereq., 2 or 4. (3)

7 daily Harrison

8 daily Peckham

112. THE CHIEF AMERICAN WRITERS. A continuation of Eng. 111. Emphasis is placed upon selected prose and poetry from Poe, Holmes, Longfellow, Lowell, Whitman, Mark Twain, Henry Adams, Lanier, William James. Prereq., 2 or 4. (3)

8 daily Caskey

9 daily Peckham

164b. TEACHING OF ENGLISH IN THE SENIOR HIGH SCHOOL. (Same as Ed. 164b) A study of the content and presentation of grammar and composition. Prereq., 2 or 4 and junior or senior rank. (2)

11 M T Th F Wray

202. SHAKESPEARE. Selected tragedies. Prereq., 12 hrs. (3)

9 daily Caskey

207. MILTON. Prereq., 12 hrs. (2)

10 M T Th F Foster

214. AMERICAN PROSE FICTION. The development of the American novel from the colonial period to the present, with major emphasis upon late eighteenth century and nineteenth century productions. Prereq., 12 hrs. (3)

9 daily Heidler

216. EIGHTEENTH CENTURY LITERATURE. Prose and poetry from Johnson to the close of the century. Eng. 216 is not open to those who have had Eng. 218. Prereq., 12 hrs. (2)

10 M T Th F Caskey

225. RECENT BRITISH AND AMERICAN POETRY. A careful study of 10 or 12 authors who have made distinctive contributions to the poetry of England and America. Prereq., 12 hrs. (3)

8 daily Foster

234. MODERN CONTINENTAL DRAMA. A study of types and tendencies in European continental drama since Ibsen. A reading and discussion of modern and contemporary plays. Among the dramatists considered are Strindberg, Brieux, Hauptmann, Maeterlinck, Rostand, Molnar, Chekov, Andreyev, Capek, and Vildrac. Prereq., 12 hrs. (2)

11 M T Th F Peckham

242. HISTORY OF LITERARY CRITICISM. A rapid study of the development of critical theories from ancient Greek times to the mid-nineteenth century. Prereq., 12 hrs. (2)

8 M T Th F Heidler

258. MIDDLE ENGLISH. A course designed to acquaint the student

with the literature of the Middle Ages (exclusive of Chaucer) together with the changing language. Prereq., 12 hrs. (3) 8 daily Wray

395. THESIS. Prereq., permission. (1-8) Arranged The staff

GEOGRAPHY AND GEOLOGY

Geography

101. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. A study of the world's major products and their distribution and consumption. Not open to students who have had Ec. 15. (3) 10 daily Karnes

105. GEOGRAPHY OF LATIN AMERICA. The course develops in detail the geography of the natural resources of Latin America and the geographic influences which affect them. (3) 7 daily Karnes

131. GEOGRAPHY OF OHIO. The geography of Ohio is developed from the regional point of view and by means of the problem method. (2) 10 M T Th F Dow

132. CONSERVATION OF NATURAL RESOURCES. A study of the vital problems of the conservation of soils, minerals, forests, wild life, and inland waters. Field trips. (3) 8 daily Karnes

150. GEOGRAPHY AND ENVIRONMENT. Advanced principles of geography, and the aspects of geography which have to do with the adjustments of man to his natural environment throughout the world. Not open to students who have had Geog. 4. (3) 7 daily Schwendeman
11 daily Schwendeman

169g. TEACHING OF GEOGRAPHY IN THE UPPER GRADES AND HIGH SCHOOL. (Same as Ed. 169g) The course deals with the professionalized subject matter of geography in the upper grades and high school. (3) 11 daily Dow

280. RESEARCH IN GEOGRAPHY. Prereq., 15 hrs. (1-4) Arranged The staff

Geology

125. PHYSICAL GEOLOGY. Physical geology for upperclassmen who have not taken Geol. 1-2. This course is concerned with the study of geological features and agencies that produce them. 4 lec. and 4 lab., and field trips. Fee \$3. (3) 9 daily, 2 hrs. arranged Dow

214. PHYSIOGRAPHY OF THE UNITED STATES. The geologic structure, surface features, boundaries, general physical characteristics, and directly related adjustments of the physiographic regions of the United

States. Prereq., 6 hrs. including one of the following: 2, 125, 126, 133; or 3 hrs. and 6 hrs. physical science. Fee \$3. (3)
8 daily, 2 hrs. arranged Schwendeman

GERMAN

100. INTERMEDIATE GERMAN. Grammar review and systematic training in pronunciation, reading, and translation. Some scientific German will be read on request. The course fits the needs of those desiring either semester of second year German, and it may be taken either before or after Ger. 101 without duplication. Prereq., 2, or 2 yrs. high school German. (3)
10 daily Mueller

112. GERMAN CONVERSATION. This course is conducted in German to develop the student's ability to speak the language. A textbook and German periodicals are used for subject matter. Prereq., 109, or 102 with a grade of A. (2)
11 M T Th F or arranged Mueller

GOVERNMENT

1. AMERICAN GOVERNMENT. The National Government of the United States. Origin of the Federal Government, the Constitution and its makers, the national party system, powers and duties of the departments, government of the dependencies, independent and emergency services. (3)
9 daily Jordan

2. AMERICAN GOVERNMENT. The state and local governments. The first state governments, the constitutional position of the states, the organization and administration of state and local governments, interstate relations, federal aid to states, state finance, the relations between the citizens and the state and local governments. (3)
8 daily E. B. Smith

105. CURRENT POLITICAL AND SOCIAL PROBLEMS. A consideration of current problems of a political, social, and economic nature to develop an understanding of what is happening and to establish the habit of reading regularly newspapers and periodicals. (3)
9 daily E. B. Smith

205. AMERICAN POLITICAL PARTIES. The origin and growth of national parties, influence of economic and social conditions on party policy, and recent developments. Prereq., 6 hrs. (3)
10 daily Hoover

301. PROBLEMS IN GOVERNMENT. Prereq., 15 hrs. (1-3)
Arranged E. B. Smith

395. THESIS. Prereq., permission. (1-8)
Arranged E. B. Smith

HISTORY

1, 2. A SURVEY OF EUROPEAN CIVILIZATION. The development of European civilization from the decline of the Roman Empire to the present time with a consideration of its economic, social, intellectual, cultural, and political phases. (3)
 Hist. 1 8 daily Eckles
 Hist. 2 7 daily Jones

110. HISTORY OF THE UNITED STATES TO 1865. (3)

8 daily Hoover

111. HISTORY OF THE UNITED STATES SINCE 1865. (3)

7 daily Jordan

132. HISTORY OF OHIO. (2)

11 M T Th F Hoover

142. LATIN AMERICAN HISTORY. An introductory course in Latin American history. (3)
 10 daily W. J. Smith

169h. TEACHING OF HISTORY AND CIVICS IN JUNIOR AND SENIOR HIGH SCHOOLS. (Same as Ed. 169h) (2) 11 M T Th F E. B. Smith

204. ENGLISH HISTORY, STUART PERIOD. Prereq., 6 hrs. (2)

10 M T Th F Jones

212. EUROPE IN THE NINETEENTH CENTURY. A study of the development of England, France, Germany, Italy, and Russia, and their international relations. Prereq., 6 hrs. (3)
 8 daily Jones

239. ENGLISH CONSTITUTIONAL HISTORY TO 1485. The origin and early development of English legal institutions, parliamentary monarchy, and the foundations of English law. Prereq., 6 hrs. (3) 7 daily Eckles

257. THE WESTWARD MOVEMENT. The expansion from the Atlantic Coast to the Pacific. Prereq., 6 hrs. (3) 8 daily Jordan

270. THE FAR EAST. A study of the history of China and Japan and their relations with other countries. Prereq., 6 hrs. (3) 9 daily W. J. Smith

301. HISTORIOGRAPHY AND METHODOLOGY. Introduction to the technique of historical research and thesis writing. Required of graduate students majoring in history. Prereq., 15 hrs. (2) Arranged W. J. Smith

391. SEMINAR IN HISTORY. Reports based upon original research with group discussion and criticism. Required of graduate students majoring in history. Prereq., 15 hrs. and permission. (2) Arranged Eckles

395. THESIS. Prereq., permission. (1-8)

Arranged The staff

HOME ECONOMICS

1. CLOTHING SELECTION AND CONSTRUCTION. Offered Summer, 1942.

21. FOODS AND NUTRITION. Scientific principles involved in the selection, preparation, and preservation of food. Practice in preparing standard food products and in planning and serving meals. Fee \$3. (3)
10 M T Th F, 11 daily Patterson

131. HOME PLANNING. The house and its furnishings considered in relation to artistic, economic, and social factors affecting choice. Prereq., 1 or 110, and 3 hrs. art. Fee \$3. (3) 8 W S, 9 daily Patterson

168h. TEACHING OF HOME ECONOMICS. (Same as Ed. 168h) Home making curricula, organization, and procedure in secondary schools. Consideration of objectives and needs for various groups. Methods of instruction applicable to this field. Participation in home projects, field trips, and observations of various kinds including adult groups in homemaking classes. Prereq., 12 hrs. (3) 7 M T W Th F, 1 hr. arranged Patterson

200. PROBLEMS IN HOME ECONOMICS. Students are required to plan and complete a problem in one of the specialized fields of home economics. Prereq., 6 hrs. and junior rank. (1-8) Arranged The staff

212. CREATIVE TEXTILE PROBLEMS. Opportunity is given for the development of original ideas in textiles, garment designs, and interior decorations. Prereq., 110 and 3 hrs. art. (2-4) Arranged Morse

215. HISTORY OF COSTUME AND TEXTILES. Study of costume and textiles through the ages as a basis for the understanding and appreciation of present day costumes. Prereq., 1 or 4, and 110. (2)
7 M T Th F Morse

216. CLOTHING DESIGN AND CONSTRUCTION. Two dresses are designed, draped, and constructed. One tailoring problem is given. Prereq., 1 or 4, and 110. Fee \$3. (3) 10, 11 daily Morse

218. ADVANCED TEXTILES. Physical and chemical examination of fibers and fabrics. Problems in the comparison and evaluation of fabrics. Prereq., 110 and 3 hrs. chemistry. (3) 8 M W F S, 9 daily Morse

225. DIETETICS. Fundamental principles of nutrition based upon the nutritive value of foods and nutritive requirements of man. Practical application of these principles to the feeding of individuals and families under varying physiological, economic, and social conditions. Prereq., 21, and 3 hrs. chemistry. Fee \$3. (3) 10 W S, 11 daily Steininger

229. NUTRITION IN DISEASE. The use of diet in the prevention and treatment of disease. Problems in planning and preparing therapeutic diets. Prereq., 225. Fee \$2. (2) 8 M T W Th, 9 M W Harger

250h. SPECIAL PROBLEMS IN THE TEACHING OF HOME ECONOMICS. (Same as Ed. 250h) Opportunity for individual selection of problems. Prereq., 18 hrs. and 168h. (3) Arranged Patterson

251. HOME MANAGEMENT. A study of the economic use of time, energy, and money in the successful functioning of homes at various income levels. Prereq., for undergraduate credit, 21, and 105, or 6 hrs. sociology; for graduate credit, 21, and 105. (2) 10 M T Th F Harger

253. HOME MANAGEMENT LABORATORY. Residence in the home management house for one-half semester provides managerial experience in the use of time, energy, and money in the modern household. Prereq., 21, 105, and permission. (2) Arranged Harger

255. PROMOTION AND DEMONSTRATION TECHNIQUES. Personal qualifications desired by business, development of the employee in her profession, relationship of employee to employer. Practical experience in demonstrating home furnishings, equipment, clothing, or food. Prereq., 12 hrs. Fee \$2. (2) 3 M W, 2 M T W Th Steininger

256. ECONOMICS OF CONSUMPTION. Principles of consumption, consumer behavior, the market and its devices, standards of living and basic needs, the effect of consumer demand on the economic system, social problems of consumption, relation of government to consumer interest, consumer agencies. Prereq., 21, 1 or 110, or 6 hrs. economics and marketing. (3) 8 daily Visiting Lecturer

271. CHILD DEVELOPMENT. A study of the child with reference to the problems of parents. This course deals with the physiological development and the physical care and health habits of the child. 4 hrs. nursery school observation. Prereq., 21, 1 or 110, or 6 hrs. psychology. (2) 7 W S, 4 hrs. arranged Oliver

351. SPECIAL PROBLEMS IN HOME ECONOMICS. Students select, plan, execute, and test the results of individual problems of research. Prereq., 18 hrs. (2-8) Arranged The staff

379. SPECIAL PROBLEMS IN CHILD DEVELOPMENT. An intensive study of a phase of child development or a problem in child guidance. The nursery school may be used as a laboratory if desired. Prereq., 272. (2-6) Arranged Oliver

395. THESIS. Prereq., permission. (4-8) Arranged The staff

INDUSTRIAL ARTS

1. ELEMENTARY WOODWORKING. Emphasis is placed on the construction of a small piece of furniture by the use of hand tools in Ind. A. 1 and by the use of power machinery in Ind. A. 2. Information concerning the several kinds of wood, joints, glues, and furniture finishes make up some of the topics for discussion. Fee \$3. (3) 9 daily, 10 M T Th F Paige

2. ELEMENTARY WOODWORKING. For description see Ind. A. 1. Prereq., 1. Fee \$3. (3) 9 daily, 10 M T Th F Paige

8. GENERAL SHOP. Experience and information in drawing, electricity, woodworking, and craftwork. The laboratory is organized and conducted as a typical junior high school shop. Fee \$3. (3) 7 daily, 8 T W F S

9. CRAFT AND HOBBY WORK. Work in wood, iron, brass, copper, leather, reed, plastics, fibers, and other materials is offered. Fee \$2. (2) 9 daily Clausen

109. CABINET MAKING. Furniture is designed, constructed, and finished by approved methods. Prereq., 2. Fee \$3. (3) 10 Daily, 9 M T Th F Paige

110. CABINET MAKING. For description see Ind. A. 109. Prereq., 109. Fee \$3. (3) 10 daily, 9 M T Th F Paige

121. PATTERN MAKING, FORGE, AND FOUNDRY. A study of processes, methods, equipment, and organization of these shops as found in industry. Three or more problems are required in each shop. Not offered Summer, 1942. Fee \$2. (2) 7 M T W Th F, 8 T W F Stephan

122. ELEMENTARY INDUSTRIAL ARTS. This course is designed to give essential and simple tool operations and skills that are desirable for teachers of the elementary grades. Common woodworking and metal working hand tools are used. Prereq., elementary teaching majors only. Fee \$1. (1) 10, 11 M Th

124. MACHINE SHOP. The shaping of metal by the use of the drill press, the engine lathe, the shaper, the milling machine, and the grinders, including the care and upkeep of these machines. Not offered Summer, 1942. Fee \$2. (2) 7 T F S, 8 M T Th F S Stephan

131. CLAY AND CONCRETE WORK. Includes work with clay in forming simple pottery, tile, and brick. Deals with cement and concrete work, the several kinds of mixes, and the proper proportions of cement, aggregate, and water for the various kinds of construction. Satisfies the state requirement for some work in ceramics. Not offered Summer, 1942. Prereq., 2 or permission. Fee \$2. (2) 10, 11 T W F S

141. PRINTING. Consists of learning the case, composition of straight matter, pulling and correcting proofs, imposition, distribution, and platen press work. Fee \$3. (3) 10, 11 daily Clausen

142. PRINTING. Deals with papers and paper making, care of stock, designing and setting display work, and the making of lineoleum-block cuts. The making of stereotype mats and castings is also included. Fee \$3. (3) 10, 11 daily Clausen

147. ADVANCED PRINTING. Deals with the problems that are encountered in the commercial printing shop. Laboratory periods are spent in work on the platen press, the cylinder press, the off-set press, the mimeograph, and the silk screen bench. Prereq., 142. Fee \$3. (3) 10, 11 daily Clausen

205. ADMINISTRATION OF DRIVER EDUCATION. Organization, administration, and instruction in driver education and training for instructing high school students; includes accident analysis and methods of prevention, traffic rules and courtesies, important automobile mechanisms, observation and practice in automobile operation, and experience in instructing one student in driving. Special problems are required of graduate students. Prereq., 3 hrs. education, Psych. 5, and permission. Fee \$5. (3) 11 daily, lab. arranged Stephan

226. HISTORY OF INDUSTRIAL AND VOCATIONAL ARTS. A study of the history of the industrial arts movement from its earliest beginnings down to the present. Special consideration is given to the terms of the Smith-Hughes Law and the George Deen Act and their administration in the state of Ohio. Not offered Summer, 1942. Prereq., 160m and 3 hrs. school administration. (3) 11 daily Paige

350. ADVANCED WOOD, METAL, OR PRINTING. Advanced laboratory work in wood, metal, or printing, and a study of the industrial practice in the field selected. A term paper is required. Prereq., 8 hrs. in one field. Fee \$3. (3) The staff

357. CURRICULUM BUILDING IN INDUSTRIAL ARTS. A study of building a complete industrial arts curriculum and of constructing the several courses that make up the curriculum. Each student constructs a course for one of the several industrial arts subjects. Not offered Summer, 1942. Prereq., 16 hrs. (3) 8 daily Clausen

381. RESEARCH IN INDUSTRIAL ARTS. A study of the techniques of research and of the reporting of the results of research. Prereq., 15 hrs. (3-6) 7 daily Paige

391. SEMINAR IN INDUSTRIAL ARTS EDUCATION. Reports on recent

books and magazine articles, and reports based upon original research will be given and followed by group discussion and criticism. Prereq., 15 hrs. and permission. (1-6) 9 daily

395. THESIS. Prereq., permission. (1-8) Arranged The staff

JOURNALISM

107. NEWSPAPER REPORTING. Instruction in methods of gathering material and writing news narratives, interviews, reports of speeches, follow-up and re-write stories, human interest stories, and specialized news. Practical work covering assignments and preparing copy. Prereq., 103 or permission. (3) 11 daily Kelly

110. WRITING FOR PUBLICATION. Designed for teachers, school administrators, social workers, and others who wish to know the elementary technique of writing news and feature stories in order to publicize their particular interests. Legitimate methods of getting material into publication are discussed. Not open to journalism majors and minors. Prereq., Eng. 2 or 4. (2) 8 M T Th F Kelly

111. REPORTING PRACTICE. Students are assigned to general reporting on "The Athens Messenger," which includes the covering of definite news beats as well as special assignments. Prereq., 107 and permission. (2-6) Arranged Smiley

121. EDITING PRACTICE. Students are assigned to copyreading on "The Athens Messenger" handling local, correspondence, and wire copy and working out make-up problems. Prereq., 117 and permission. (2-6) Arranged Harris

201. ADVANCED REPORTING. Experience at "The Athens Messenger" in some specialized field in which the student is doing research. Prereq., 6 hrs. in 111 and permission. (2) Arranged Smiley, Kelly

MATHEMATICS AND ASTRONOMY

4. SOLID GEOMETRY. This course is devoted to a study of lines and planes, dihedral angles, polyhedrons, cylinders and cones, the sphere, the area and volume of a sphere, and the regular solids. Prereq., 3, or 1 yr. high school algebra and 1 yr. high school geometry. (3) 11 daily Osgood

5. FRESHMAN MATHEMATICS. A review of high school algebra, the number system, the rational operations, equations, exponents, radicals, logarithms, the trigonometric functions, right triangles, graphs, and functions of multiple angles. Prereq., 3, or 1 yr. high school algebra and 1 yr. high school geometry. (5) 7, 8 M T W Th F Reed

14. DESCRIPTIVE ASTRONOMY. The earth as an astronomical body, the motions and physical characteristics of the sun and other bodies of the solar system, and the distances, constitution, and distribution of stars and nebulae. The simple principles of mathematics and physics needed to understand the subject are developed. Prereq., 3, or 1 yr. high school algebra and 1 yr. high school geometry. (3) 10 daily Denbow

105. COLLEGE GEOMETRY. Problems of construction, loci, indirect methods, similar and homothetic figures, the triangle, medians, bisectors, altitudes, and transversals. Prereq., 6. (3) 9 daily Denbow

168m. TEACHING OF MATHEMATICS IN HIGH SCHOOL. (Same as Ed. 168m) An analysis of the basic ideas of algebra and geometry; methods of presenting topics in these subjects to high school students. Prereq., 6 and Psych. 5. (3) 11 daily Denbow

395. THESIS. Prereq., permission. (1-8) Arranged The staff

MUSIC

Applied Music

ORGAN. Private instruction in organ according to the individual ability of the student. One or two lessons a week. Fee, one lesson a week \$7.50; two lessons, \$12. Practice room fee \$5. (1/2-1) Arranged Kresge

PERCUSSION. Private instruction in percussion instruments according to the individual ability of the student. One or two lessons a week. Fee, one lesson a week \$7.50; two lessons, \$12. Practice room fee \$2. (1/2-1) Arranged Janssen

PIANO. Private instruction in pianoforte according to the individual ability of the student. One or two lessons a week. Fee, one lesson a week \$7.50; two lessons, \$12. Practice room fee \$2. (1/2-1) Arranged Witham, Kresge

VIOLIN. Private instruction in violin according to the individual ability of the student. One or two lessons a week. Fee, one lesson a week \$7.50; two lessons, \$12. Practice room fee \$2. (1/2-1) Arranged Ingerham

VOICE. Private instruction in voice culture based on the individual training and ability of the student. One or two lessons a week. Fee, one lesson a week \$7.50; two lessons, \$12. Practice room fee \$2. (1/2-1) Arranged Robinson, Benedict

WOOD AND BRASS INSTRUMENTS. Private instruction in band instruments according to the ability of the student. Fee, one lesson a week \$7.50; two lessons, \$12. Practice room fee \$2. (1/2-1) Arranged Janssen

History and Theory

11. MUSIC HISTORY. A general development of music from the primitive and ancient peoples through the polyphonic period; the classic music of the eighteenth century. (2) 9 M T Th F Benedict

105. HARMONY. Formation of major and minor scales, intervals, triads in open and close position, harmonizing melodies and figured basses. Pre-req., 4 and 24. Fee for private instruction \$16. No fee for class work. (2) 8 M T Th F Kresge

113. ANALYSIS AND FORM. Detailed analysis of the structure of musical composition. Material used: the hymnal, "Songs Without Words," etc. Prereq., 106. (2) 8 M T Th F Robinson

133. INSTRUMENTATION. The classification and scope of the orchestral instrument, reading of scores, arranging and scoring for orchestra. Pre-req., 106. (2) 11 M T Th F Janssen

School Music

2. MUSIC FUNDAMENTALS. A course involving theory, ear training, tone production, and sight singing of unison and part songs. (2) 7 daily Thackrey

4. EAR TRAINING. Study of tone and rhythm, gaining power to recognize by ear, visualize and write intervals and melodic phrases in all keys. (1) 11 M W F, 1 Th Blayney

24. SIGHT SINGING. Fundamental principles of pitch and rhythm as represented on the staff. Prepared and sight reading of graded materials in one or more parts. (1) 11 T Th S, 1 T Blayney

121. CAMPUS ORCHESTRA. (1) 2, 3 T Th Thackrey

125. MUSIC APPRECIATION FOR GRADE TEACHERS. Experience in hearing and identifying good music. Appreciation material and effective methods for its presentation. (1-2) 8 M T Th F Danielson
9 M T Th F Danielson

127. MUSIC APPRECIATION. To familiarize students with the best material available for use in the elementary grades and high schools and methods of procedure in developing appreciation. (3) 8 daily Blayney

166b. TEACHING OF INSTRUMENTAL MUSIC. (Same as Ed. 166b) Methods of organizing and conducting classes in instrumental music, with a survey of materials. Problems of organizing bands and orchestras. (3) 9 daily Ingerham

166d. TEACHING OF DANCES AND GAMES.* (Same as Ed. 166d)
Dances and games for grades 1 to 8 and methods of presentation. (1)

8 W S Danielson

166e. TEACHING OF MUSIC IN ELEMENTARY GRADES. (Formerly
166g and 166k) Prereq., 2. Fee \$1. (2) 11 M T Th F Danielson

166j. TEACHING OF MUSIC IN JUNIOR AND SENIOR HIGH
SCHOOLS. (Same as Ed. 166j) (3) 10 daily Danielson

174. CONDUCTING. Technique and score reading, orchestral conduct-
ing, and band conducting. Material suitable for use in the junior and senior
high schools considered. Standard overtures are conducted in laboratory
with the campus orchestra. Two hours a week. Prereq., 173. (1)

1 T Th Thackrey
2 T Th (Orchestra)

Music Activities

SUMMER SESSION BAND. Open to anyone who can meet the technical
requirements of his chosen instrument. (1) 2, 3 M W Janssen

SUMMER SESSION CHORUS. Open to anyone who is qualified vocally
to participate. Program material includes chorales, madrigals, and other
choral forms. (1) 7, 8 p.m. T Th Robinson

PAINTING AND ALLIED ARTS

Design

3. THE ARTS FOR ELEMENTARY TEACHERS. Problems involving
elementary principles. Planned for students who expect to major in elemen-
tary education. (2) 10, 11 M T Th F Work

60c. TEACHING OF DESIGN FOR EARLY CHILDHOOD. (Same as
Ed. 60c) Prereq., 3. (1) 7 W S, 2 hrs. arranged Woolf

60g. TEACHING OF DESIGN FOR INTERMEDIATE AND HIGHER
GRADES. (Same as Ed. 60g) Prereq., 3. (1)
11 W S, 2 hrs. arranged Woolf

103. PRACTICAL DESIGN. Emphasis on application of principles to
marionettes, toys, weaving, cardboard construction, clay modeling. Fee \$2.
(2) 8, 9 M T Th F Work

History

125. THE ARTS IN EVERYDAY LIFE. Planned to help the student appre-

*This course may be substituted by school music majors for one hour of required physical
welfare.

ciate and select the best articles available for the home, costume, etc., according to their functional qualities. (2) 7 M T Th F Work

157. APPRECIATION OF THE SPACE ARTS. Appreciative study of line, mass, color, and form through design, architecture, sculpture, and painting.

(1) 7 W S Work

8 W S Work

Representation

45. METHODS IN REPRESENTATION. A study of proportion, structure, depth, and action. (2) 11 W and arranged Mitchell

206. PAINTING. Practical application of theories and methods of representation in color mediums. 18 lab. Prereq., 205 or permission. (3)

Arranged Mitchell

208. MATERIALS. Source and nature of materials and tools used by the artist. 2 lec. and 6 lab. Prereq., 12 hrs. (2) Arranged Mitchell

258. LANDSCAPE PAINTING. 18 lab. Prereq., 257 or permission. (3)

Arranged Mitchell

336. DECORATIVE COMPOSITION. 18 lab. Prereq., 206 and permission. (3) Arranged Mitchell

393. SEMINAR IN PAINTING. Prereq., 331 or permission. (3-9)

Arranged The staff

395. THESIS. Prereq., permission. (1-8)

Arranged The staff

PHILOSOPHY

87. ELEMENTARY ETHICS. The biological and social influences which affect behavior. Introduction to an ethical philosophy of life. Ample time is devoted to a consideration of contemporary personal and social problems. (2) 7 M T Th F Martin

105. BRIEF INTRODUCTION TO PHILOSOPHY. A study of the underlying principles of knowledge and experience as found in the sciences, morals, religion, and art. The course aims to put the student in possession of the fundamental ideas necessary for forming a satisfactory philosophy of life. Not open to students who have had Phil. 103. (2)

9 M T Th F Gamertsfelder

117. SOCIAL AND POLITICAL PHILOSOPHY. After study of the political philosophies now dominant in Germany, Italy, and Russia, analysis is made of the philosophy and practice of liberal democracy, as in the United States. Upon a realistic view of contemporary institutions in

theory and practice, is built a constructive philosophy of social democracy.
(2) 11 M T Th F Martin

395. THESIS. Prereq., permission. (1-8) Arranged The staff

PHYSICAL WELFARE

Men

6. PHYSICAL ACTIVITIES. Practical tests in skill and physical efficiency. Required of all majors and minors as a basis for the required courses in physical activities. Fee \$1. (1) 9 daily Rhoads

123. PHYSICAL ACTIVITIES. The various techniques and procedures appropriate for the following activities: archery, golf, tennis, volleyball, and badminton. Consideration is given to individual and group methods. Prereq., 121, 122. Fee \$1. (1) 10 daily Rhoads

127. FIRST AID. The treatment of emergencies and accidents in the home, on the street, in vocational pursuits, and on the athletic field. Emphasis on the teaching of safety in the schools. The American Red Cross First Aid Certificate is given to those who pass the required examination. Prereq., 22. (2) 11 M T Th F Herbert

167e. COACHING OF BASKETBALL. (Same as Ed. 167e) The coaching and training of basketball teams, beginning with fundamentals, passing, dribbling, pivoting, shooting, and team play; various methods of offense and defense and the selection of men. (2)

First four weeks 1, 2, 3, 4 T Th Trautwein

167f. COACHING OF FOOTBALL. (Same as Ed. 167f) Fundamentals of football; details of each position on the team; principles of offense and defense; football strategy; a comparison of various systems of football. Prereq., junior rank. (2) First four weeks 1, 2 M W F, 3 M W Peden

181. INTRAMURAL ATHLETICS. Organization of intramural athletics for elementary school, high school, and college. Includes theory and practice of officiating intramural activities. (2) 11 M T Th F Rhoads

Men and Women

22. PERSONAL AND PUBLIC HEALTH. Provides a knowledge of the hygienic practices and an appreciation of the means whereby the health of the individual and of the group may be maintained. (3) 9 daily Trepp

35. SOCIAL AND COUNTRY DANCING. A recreational course for students who wish to learn how to dance. Fee \$1. (1) 3 daily La Tourrette

153. NATURE AND FUNCTION OF PLAY. Play programs for schools, recreation centers, playgrounds, and scouting. Prereq., 6 hrs. (2)

8 M T Th F Bird

167h. TEACHING OF HEALTH. (Same as Ed. 167h) Instruction, principles, and curricula used in presenting health information to children of the different school levels. Prereq., 22. (2) 10 M T Th F Trepp

167p. TEACHING OF PHYSICAL WELFARE. (Same as Ed. 167p) Physical education for elementary and secondary schools. Not required of majors. (1) 11 W S Rhoads

205. HISTORY OF PHYSICAL EDUCATION. A study of the development of various systems of physical education and the effects of them on our present day program. Prereq., 16 hrs. (2) 10 M T Th F Hatcher

206. ORGANIZATION AND ADMINISTRATION OF PHYSICAL WELFARE. Physical and health education in elementary and secondary schools, normal schools, and colleges. Athletic management, intramural activities, interscholastic and intercollegiate athletics. Prereq., 16 hrs. (2)

9 M T Th F Bird

252. SCHOOL HEALTH PROGRAM. The construction of the health program emphasizing the school environment, teacher-pupil relationship, accident prevention, special classes for the physically handicapped, and general health instruction. Prereq., 16 hrs. including 22. (3)

11 daily Trepp

352. PHYSICAL DIAGNOSIS. A study of the fundamental deficiencies and defects characteristic of children that handicap normal physical, mental, and social development. A study of the techniques in conducting health examinations, clinical service, etc. Prereq., 15 hrs. (3) Arranged Hudson

391. SEMINAR IN PHYSICAL WELFARE. For students who desire to pursue special research or investigation in physical welfare. Reviews of current literature and discussions of physical activities. Prereq., 15 hrs. (3)

7, 8, 9 p.m. T Th Bird

395. THESIS. Prereq., permission. (1-8) Arranged The staff

Women

2. TENNIS. Fee \$1. Section 1 (1) 11 daily La Tourrette

2. BADMINTON. Fee \$1. Section 2 (1) 11 daily Hatcher

3. BEGINNING SWIMMING. For non-swimmers. Fee \$1. (1)
2 daily Kellner

4. INTERMEDIATE SWIMMING. Prereq., 3 or equivalent experience in swimming. Fee \$1. (1) 11 daily Kellner

18. LIFE SAVING METHODS. All techniques included in the test for the Senior American Red Cross Life Saving Certificate are covered and the certificate is granted upon satisfactory completion of the required work. Fee \$1. (1) 3 daily Kellner

121. PHYSICAL ACTIVITIES. Individual sports technique, folk dancing, gymnastics, squad work in self-testing activities, tumbling and stunts. Fee \$1. (1) 9 daily Hatcher

127. FIRST AID. Consideration is given to theory and practice of first aid and massage. Some emphasis is placed upon the treatment of athletic injuries. Students are eligible to take the American Red Cross First Aid Instructor's examination. (2) 2 M T W Th La Tourrette

131. MASS GAMES. A program of games, suitable for from the fourth grade on, that builds up skills for the highly organized sports of hockey, soccer, basketball, softball, and volleyball. A notebook is required. Fee \$1. (1) 10 daily La Tourrette

167a. TEACHING OF COACHING. (Same as Ed. 167a) Theory and practice of coaching field hockey and basketball. (2) 2 M T W Th Hatcher

167s. TEACHING OF SWIMMING. (Same as Ed. 167s) Methods and practice in the teaching of swimming. (2) 2 M W F, 2 hrs. arranged Kellner

PHYSICS

2. THE PHYSICAL WORLD. This course acquaints the student in an elementary and descriptive way with the principles underlying the physical world, and the relation of these principles to man's needs and interests. Fee \$3. (3) 7 M T W Th, 4 hrs. lab. arranged Bundy

5. INTRODUCTION TO PHYSICS. Mechanics, heat, sound. A course indicated for nontechnical and premedic students. Fee \$4. (4) 8 daily, 4 hrs. lab. arranged Bundy, Roseberry

168p. TEACHING OF PHYSICS. (Same as Ed. 168p) Objectives, selection of subject matter and laboratory work, and order and method of treatment. Prereq., one course in physics. (2) 10 M T Th F Bundy

*205. LIGHT: INTRODUCTION TO PHYSICAL OPTICS. The elementary theory of interference, polarimetry, and special topics of physical optics. Prereq., 113 and 114. (2) Arranged Roseberry

*208. X RAYS. A descriptive course of the principles and applications of X rays to the problems of physics, chemistry, medicine, and industry. Prereq., 113 and 114. (2) Arranged Roseberry

220. ELECTRICITY AND MAGNETISM. An advanced course including the calculation of magnetic and electric fields, and a study of transients. Prereq., 113, 114, and Math. 118. (3) Arranged Bundy

225. ADVANCED PHYSICS LABORATORY. Prereq., 113, 114, and Math. 118. Fee \$1 for each credit hour.

(a) Mechanics and Heat (1-3)

(b) Electricity and Magnetism (1-3)

(c) Advanced Optics (1-3)

(d) Electronic Physics (1-3)

(e) Sound (1-3)

Arranged Bundy, Roseberry

395. THESIS. Prereq., permission. (1-6) Arranged Bundy, Roseberry

PSYCHOLOGY

1. GENERAL PSYCHOLOGY. An elementary, scientific study of the most significant facts and principles of mental life. Fee \$1. (3)

9 daily Gentry

3. CHILD PSYCHOLOGY. Topics considered: sensory life of a child, emotions, curiosity, imagination, memory, imitation, language, art, moral and religious development. Prereq., 1 (3)

7 daily Patrick

5. EDUCATIONAL PSYCHOLOGY. The nature and rate of the learning process. The influence upon learning efficiency of such factors as heredity and environment, maturation, emotion, motivation, etc. Prereq., 1, Fee \$1. (3)

9 daily Lehman

9. HOW TO STUDY. Improvement of the study and reading habits of class members; how teachers may develop more effective pupil study habits. (3)

11 daily Gentry

115. ELEMENTARY MENTAL HYGIENE. A practical elementary study of personal and social problems of adjustment and mental hygiene. Prereq., 1. (3)

9 daily Patrick

116. PSYCHOLOGY OF INDIVIDUAL DIFFERENCES. The extent and the nature of individual differences, the influence thereupon of such factors as heredity, environment, race, nationality, age, and sex. Miscellaneous applications are also considered. Prereq., 1. (2) 11 M T T h F Anderson

*The course in greater demand will be given.

203. MENTAL MEASUREMENTS. The administration, methods, and results of individual and group intelligence tests. Prereq., 6 hrs. Fee \$1. (3) 10 M T Th F, 2 hrs. lab. arranged Anderson
210. MENTAL HYGIENE. The course aims to evaluate and synthesize information bearing upon mental health from the following fields: psychology, psychiatry, physiology, medicine, and sociology. Prereq., 6 hrs. other than 115. (3) 10 daily Patrick
215. SOCIAL PSYCHOLOGY. An introductory study of the social-mental relations between individuals, significance of instincts, habit formation, and reflection in human social life. Methods of investigating social behavior. Prereq., 6 hrs. (3) 8 daily Anderson
217. THE PSYCHOLOGY OF PERSONALITY. Influence of home and school on training and development of children's personality; also adult personality in business and social life. Prereq., 8 hrs. (3) 11 daily Lehman
220. PERSONNEL AND VOCATIONAL COUNSELING. Topics dealt with will bear upon personnel and vocational problems to be met in industrial, commercial, and school work. Prereq., 6 hrs. (2) 8 M T Th F Lehman
225. MINOR PROBLEMS IN PSYCHOLOGY. Training in the scientific study of some problem of special interest to the student. Relatively independent work emphasized. Prereq., 8 hrs. and permission. (1-6) Arranged The staff
395. THESIS. Prereq., permission. (1-8) Arranged The staff

ROMANCE LANGUAGES

French

- 1s-2s. BEGINNING FRENCH. Drill in grammar and composition, with simple reading. Students who have had Fr. 1, Fr. 1s, or 1 yr. high school French should register for Fr. 2s. (6)
Fr. 1s (3) First four weeks 7, 8 daily Wilkinson
Fr. 2s (3) Second four weeks 7, 8 daily Wilkinson
228. SIXTEENTH CENTURY FRENCH LITERATURE. Survey of the Renaissance. Prereq., 102. (1-2) 10 T Th and arranged Rice
261. ADVANCED FRENCH GRAMMAR. Prereq., 3 yrs. of college French or B in 102. (1-2) 11 T Th and arranged Wilkinson
271. ADVANCED FRENCH. Individual problems to meet interests of the class. Prereq., 9 hrs. beyond 102. (1-2) 11 W S and arranged Rice

281. RESEARCH IN FRENCH LANGUAGE AND LITERATURE. Subjects of investigation will be determined by students in conference with the instructor. Prereq., 14 hrs. beyond 102. (1-4)

9 daily or arranged The staff

395. THESIS. Prereq., permission. (1-8)

Arranged The staff

Romance Philology

1. PRONUNCIATION OF FRENCH, ITALIAN, AND SPANISH. Comparative study of sounds and spelling. (1) 10 W S Wilkinson

225. GENERAL ROMANCE LINGUISTICS. The transition from Latin to French, Italian, and Spanish. Prereq., permission. (1) 11 M F Wilkinson

395. THESIS. Prereq., permission. (1-8)

Arranged The staff

Spanish

1s-2s. BEGINNING SPANISH. Drill in grammar and composition, with simple reading. Students who have had Sp. 1, Sp. 1s, or 1 yr. high school Spanish should register for Sp. 2s. (6)

Sp. 1s (3) First four weeks 8, 9 daily Rice

Sp. 2s (3) Second four weeks 8, 9 daily Rice

113. CONVERSATION AND COMPOSITION. A commercial text will be used if so desired. Prereq., 102. (1-2) 10 M F and arranged Rice

271. ADVANCED SPANISH. Individual problems to meet interests of the class. Prereq., 20 hrs. (1-4) 7 daily or arranged The staff

395. THESIS. Prereq., permission. (1-8)

Arranged The staff

SOCIOLOGY

1. GENERAL SOCIOLOGY. An elementary study of fundamental characteristics of culture and society; an analysis of social groups, social institutions, and social processes; the nature of social change; and sociology as a social science. (3) 9 daily Oberdorfer

101. PRINCIPLES OF SOCIOLOGY. A somewhat more intensive study than Soc. 1 of the basic facts and principles of human society, of factors and forces which condition social life, and of major concepts and techniques employed in sociological investigation and interpretation. Not open to students having had Soc. 1. (3) 8 daily Jeddeloh

103. SOCIAL CHANGE AND SOCIAL PROBLEMS. A general survey of major social problems characteristic of a rapidly changing society with special emphasis on the role of natural resources, biological equipment, technology, economic organization, and certain social institutions; programs

of social reorganization; the theory, methods, and tools of applied sociology. Prereq., 3 hrs. (3) 8 daily Taylor

105. RACE RELATIONS. A survey of the status and adjustment of minority racial groups in the United States, with special attention to the American Negro. Problems of race consciousness, race prejudice, and race conflicts. Regional variations in interracial conflicts and adjustments. Prereq., 3 hrs. (3) 8 daily Oberdorfer

107. EDUCATIONAL SOCIOLOGY. A study of the social nature and function of education in contemporary society; factors influencing the social status and personalities of pupils; the problem child in school; sociological aspects of learning, teaching, classroom organization, and the curriculum; the school in its relation to the community. Supplementary laboratory work and field observations. Prereq., 3 hrs. (3) 9 daily Jeddeloh

110. PSYCHOLOGICAL FACTORS IN SOCIETY. The social and cultural foundations of human personality. An analysis of the role of language in behavior, prejudice, crowds, audiences, publics, fashion, public opinion, leadership, censorship, and propaganda. Prereq., 3 hrs. (3) 7 daily Oberdorfer

208. MARRIAGE AND THE FAMILY. A study of the institutional and human nature aspects of modern marriage and the family. Attention is given to the formation of personality in the parental family, courtship and marriage relations, family and marital disorganization, and the impact of social change on the family. Prereq., 6 hrs. (3) 10 daily Taylor

222. JUVENILE DELINQUENCY. Factors associated with juvenile delinquency, characteristics of delinquents, juvenile court procedure, probation, correctional training in institutions, plans and programs for the prevention of delinquency. Field contact and the handling of realistic data. Prereq., 6 hrs. (3) 11 daily Jeddeloh

236. PROPAGANDA. Methods and techniques of propaganda; its legitimate uses and its abuses; its relation to such social phenomena as stereotypes; sentiments, public opinion, social attitudes, and mass convictions. Prereq., 6 hrs. (3) 9 daily Taylor

239. INTRODUCTION TO CASE WORK. A general introduction to the philosophy, theory, and fundamental techniques of case work common to the various branches of social work. Prereq., 9 hrs. (2) 10 M T Th F Kreider

241. JUVENILE COURT SERVICES. A university field work unit is main-

tained by a cooperative plan with the Juvenile and Probate Courts of Athens County, Ohio. Prereq., 9 hrs. and 239 or with 239. Fee \$5. (2)

Arranged Kreider

247a. VISITING TEACHER. (Same as Ed. 247a) An introductory lecture, clinic, and field work course designed to acquaint experienced teachers with the functions of the visiting teacher in the school system; the analysis of social situations in home, community, and school tending to produce pupil maladjustment; the diagnosis of personality difficulties; the social case work techniques of interviewing, recording, diagnosing, and adjusting problem cases; and the major agencies in the community dealing with maladjusted or underprivileged children. Observation and case study assignment at a clinic will be supplemented by some supervised field practice. Prereq., 6 hrs., teaching experience, and permission. Fee \$3. (3)

10 M T W Th F, clinic and field service arranged. The staff

253. INSTITUTIONAL SOCIAL SERVICE Internship in correctional institutions and institutions for the care of children. The course includes training in staff duties at the institution. Prereq., 12 hrs. and permission. (3)

Arranged Jeddeloh

381. RESEARCH PROBLEMS IN SOCIOLOGY. Prereq., 12 hrs. (2-3)

Arranged The staff

395. THESIS. Prereq., permission. (1-8)

Arranged The staff

ZOOLOGY

3. GENERAL ZOOLOGY. A survey of zoological and biological principles. Chief topics: organization and physiology of a typical animal; review of the animal kingdom including references to economic importance, habits, life histories; principles involved in the evolution of organisms and society; distribution and relation of animals to their environment; doctrine of evolution; principles of heredity. Fee \$3. (3) 10, 11 M T Th F Krecker

4. GENERAL ZOOLOGY. For description see Zool. 3. Prereq., Zool. 3 or concurrently with Zool. 3. (3)

7, 8 M T Th F Stehr

103. READINGS IN BIOLOGY. A course for students interested in advances in biological fact and thought, especially as applied to the field of human affairs. Prereq., 4, or high school biology. Fee \$1. (1)

Arranged Krecker

107. PRINCIPLES OF HEREDITY. An introduction to heredity. The fundamental principles and mechanism of heredity and a review of what is

known regarding heredity in man. Consideration of practical applications to heredity in social welfare, public affairs, and race betterment. Prereq., 4, or 6 hrs. botany. (3) 7 daily Krecker

141. ELEMENTARY BACTERIOLOGY. Morphology and physiology of bacteria, staining reactions, preparation of media, and the biochemical reactions resulting from bacterial activity. Not open to majors in bacteriology. 4 lec. and 4 lab. Prereq., 4, or 6 hrs. botany, or 8 hrs. chemistry. Fee \$4. (4) 10, 11 daily Frey

145. CLINICAL TECHNIC. The theory and practice of making various tests used in laboratories of clinical pathology: blood counts, blood matching and typing, blood chemistry, urinalysis, gastric analysis, sputum examinations, functional tests, serological methods including Wassermann's applied bacteriology, and the making of vaccines. Prereq., 211 and permission. Fee \$1 for each credit hour. (2-4) Arranged Frey

168z. TEACHING OF ZOOLOGY. (Same as Ed. 168z) The following topics are among those considered: aims and objectives of zoology courses; survey of available texts, manuals, and reference books; various methods of instruction; sources of laboratory equipment and supplies; special aids in instruction; examinations; controversial topics in biology. The student is given opportunity to examine and use the books, materials, and equipment discussed. Prereq., 4 and an additional laboratory course in zoology. (2) 9 M T Th F Stehr

216. ANIMAL PARASITES. A study of parasites in relation to human disease. Parasites infesting man, their life histories, the diseases they produce, means of prevention and cure. 4 lec. and 8 lab. Prereq., 10 hrs. and permission. Fee \$4. (4) 8, 9 daily Krecker

220. ADVANCED ENTOMOLOGY. Intensive study of insect morphology and of the principles and methods of insect classification and identification, with special emphasis on the more extensive orders. 4 lec. and 8 lab. Prereq., 119. Fee \$4. (4) 10, 11 daily Stehr

234. AQUATIC MANAGEMENT. A practical course dealing with the manipulation of the natural factors affecting a maximum sustained yield of our aquatic resources. Includes applications of limnology and ichthyology, with emphasis on ecological relationships and habitat preferences of aquatic organisms. 2 lec. and 8 lab. or field work. Prereq., 228 or 233. Fee \$3. (3) Arranged Roach

236. GAME MANAGEMENT. An applied course dealing with the propagation of game animals under natural conditions, with special reference to

grouse and other game birds. Practical field experience supplemented by laboratory and classroom work. 2 lec. and 8 lab. or field work. Prereq., 118 and 228 or 233. Fee \$3. (3) Arranged Stehr, Mitchell

243. BIOLOGICAL STUDIES. Semi-independent studies under the guidance of the instructor. Prereq., 10 hrs. and permission. Fee \$1 for each credit hour. (2-3)

a. BACTERIOLOGY—studies in water, dairy, and pathogenic bacteriology; serology and advanced technique. Arranged Frey

b. ECOLOGY—field and laboratory studies of the relation between animals and their surroundings. Arranged Krecker, Stehr

c. ENTOMOLOGY—classification, structure, life histories, and economic aspects of insects. Arranged Stehr

e. INVERTEBRATE ZOOLOGY—classification, structure, embryology, and life history of invertebrates. Arranged Stehr

f. PARASITOLOGY—studies in animal parasites. Arranged Krecker

h. READINGS IN BIOLOGY—readings dealing with biological history, theory, and advances. Arranged Krecker

i. TECHNICIANS' METHODS—technic and theory of blood, urine, gastric analysis, fecal examination, and serological methods. Arranged Frey

j. VERTEBRATE ZOOLOGY—economic control of vertebrates. Arranged Roach, Mitchell

383. MINOR RESEARCH IN ZOOLOGY. Problems of a research and semi-research nature in bacteriology, ecology, entomology, invertebrate zoology, ornithology, parasitology, physiological zoology, and vertebrate zoology. Prereq., 15 hrs. and permission. Fee \$1 for each credit hour. (2-4) Arranged The staff

385. RESEARCH IN BIOLOGY. Research work in bacteriology, parasitology, ecology, entomology, invertebrate zoology, ornithology, physiological zoology, and vertebrate zoology. This course fulfills the thesis requirements. Prereq., 20 hrs. and permission. Fee \$1 for each credit hour. (2-4) Arranged The staff

POST SUMMER SESSION

The post summer session is an integral part of the university year with requirements and standards of academic accomplishment exactly like those of the other sessions. The session is organized to make it possible for advanced undergraduate and graduate students to study intensively during a three-week period. The purpose is to offer opportunity for flexibility in study procedure with a view to developing greater independence on the part of qualified students. Credit obtained is fully recognized, and may be applied toward the fulfillment of course requirements for the various degrees and diplomas which the university grants. Registration is limited without exception to three semester hours of credit. The oral and written examination requirements for the master's degree cannot be completed during this session.

In general, the continuance of each course announced in the succeeding pages is dependent upon the number of students enrolled. Courses in which the registration falls below the minimum number prescribed will be discontinued after the first meeting and the students notified of the action. Course 213, Field Geography, requires a minimum of 25 students in order to provide a group large enough to make an adequate transportation contract which is financially advantageous to the students participating. Students interested in this course may obtain further information and application forms by writing the department of geography and geology.

All students will register for the session on Monday morning, August 11, in the office of the registrar, Ewing Hall. Classes begin on Monday afternoon at one o'clock in all two and three-semester credit hour courses and at three o'clock in all one-semester credit hour courses. Thereafter the classes in each course will meet as indicated below and as announced in the schedule of recitations. The registration fee is \$5 for each semester credit hour. The laboratory fee is indicated in the description of each course where such is required. Late registration on Monday afternoon carries a penalty of \$1. No registration will be accepted after four o'clock on Monday, August 11.

BOTANY

101 or 102. GENERAL BOTANY. A course in systematic botany for advanced students beginning the subject. Not open to those who have credit in Bot. 2. Lecture and laboratory. Fee \$3. (The course in greater demand will be offered.) (3) 8, 9, 10 daily Boetticher

EDUCATION

240. SCHOOL ADMINISTRATION. The place of the federal govern-

ment, state, county, and city in education; the superintendent, his powers and duties; and the organization and administration of the public school system. Prereq., 3 hrs. education and Psych. 5. (3)

8, 9, 10 daily Visiting Lecturer

255. PHILOSOPHY OF EDUCATION. A summarizing course in which each student is helped consciously to formulate his philosophy of education. Prereq., 9 hrs. education. (3)

8, 9, 10 daily Visiting Lecturer

284. RESEARCH IN EDUCATION. Students are directed in the investigation of selected phases of educational theory and practice. Prereq., 9 hrs. education and Psych. 5. (2-3)

Arranged Visiting Lecturer

ENGLISH

112. THE CHIEF AMERICAN WRITERS. A continuation of Eng. 111. Emphasis is placed upon selected prose and poetry from Poe, Holmes, Longfellow, Lowell, Whitman, Mark Twain, Henry Adams, Lanier, William James. Prereq., 2 or 4. (3)

8, 9, 10 daily McQuiston

250. BOOKS OF THE SEASON. An extensive reading course in the best books of the season. Prereq., 12 hrs. (3)

8, 9, 10 daily Mackinnon

GEOGRAPHY

213. FIELD GEOGRAPHY. Eighteen to twenty days of study in the field of the relationship between the natural environment and the human adjustments thereto in the southeastern portion of the United States. Important areas and locations will include: the Kentucky Bluegrass and Cave Districts, the lower Mississippi, New Orleans, the Gulf Coast, Florida, the Black Belt, Atlantic Coastal Plain, Great Smokies, Blue Ridge, Cumberland Mountains, and the T. V. A. area. Regional treatments, field geography techniques, and a satisfactory written report required.

Meals are to be secured individually en route. Club rates for lodging are available at good hotels and tourist camps averaging less than \$1.50 per person per day. The estimated total cost per person above registration fees is \$100. The trip is contingent upon a registration of 25 students or more. Prereq., 6 hrs. (3)

Dow

HISTORY

254. UNITED STATES SINCE 1900. Social conditions, agriculture, business, transportation, communication, labor, imperialism and foreign trade, trends toward state capitalism and regulation, new governmental agencies, political changes, reforms, the new outlook. Prereq., 6 hrs. including 111 or permission. (3)

8, 9, 10 daily Morrison

JOURNALISM

111. REPORTING PRACTICE. Students are assigned to general reporting on "The Athens Messenger," which includes the covering of definite news beats as well as special assignments. Prereq., 107 and permission. (2-6)
Arranged Smiley

121. EDITING PRACTICE. Students are assigned to copyreading on "The Athens Messenger" handling local, correspondence, and wire copy and working out make-up problems. Prereq., 117 and permission. (2-6)
Arranged Harris

201. ADVANCED REPORTING. Experience at "The Athens Messenger" in some specialized field in which the student is doing research. Prereq., 6 hrs. in 111 and permission. (2)
Arranged Smiley

PAINTING AND ALLIED ARTS

281. RESEARCH IN DESIGN. 3-15 lab. Prereq., 15 hrs. and permission. (1-5)
The staff

391. SEMINAR IN DESIGN. Prereq., 18 hrs. and permission. (1-5)
The staff

PHYSICAL WELFARE

22. PERSONAL AND PUBLIC HEALTH. Provides a knowledge of the hygienic practices and an appreciation of the means whereby the health of the individual and of the group may be maintained. Fulfills educational requirements. (3) (Men and Women) 9, 10, 11 daily Nessley

PSYCHOLOGY

203. MENTAL MEASUREMENTS. The administration, methods, and results of individual and group intelligence tests. Lecture and laboratory. Prereq., 6 hrs. Fee \$1. (3) 8, 9 daily; lab. arranged

225. MINOR PROBLEMS IN PSYCHOLOGY. Training in the scientific study of some problem of special interest to the student. Relatively independent work emphasized. Prereq., 8 hrs. and permission. (1-3) Arranged

SOCIOLOGY

224. CHILD WELFARE. Two fundamental phases are considered and discussed: problems of children, and child welfare services from a private and public agency point of view. Prereq., 6 hrs. (3)
8, 9, 10 daily MacTavish

381. RESEARCH PROBLEMS IN SOCIOLOGY. Prereq., 12 hrs. (2-3)
Arranged MacTavish



ALUMNI MEMORIAL AUDITORIUM



LINDLEY HALL



HALL OF FINE ARTS



A SHADED WALK

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